

ID	WBS	Task Name	Contact	Resource Initials
0		D0 Grid Production Computing Initiative	ehnlein	
1	1	D0 Grid Production Architecture	AL	
2	1.1	INPUT: Original architecture document v1.2	AL	AL
3	1.2	High-level Architecture Document: draft - APIs, component responsibilities	AL	ASB,AL
4	1.3	milestone: Draft High-level Architecture Document	AL	AL
5	1.4	High-level Architecture Document: Review	AL	G,RDK,ASB
6	1.5	High-level Architecture Document: Revised version	AL	AL
7	1.6	High-level Architecture Document: Approval - ASB	AL	RDK
8	1.7	High-level Architecture Document: Approval - VW	AL	RDK
9	1.8	MILE 7: D0 Grid Production Architecture document done	AL	
10	2	Adjust Responsibilities among SamGrid, D0runjob, D0repro, automc tools	GG	
11	2.1	INPUT: Review of D0runjob interface	PM	PM
12	2.2	Decouple D0runjob macro and SamGrid	GG	
13	2.2.1	INPUT: Interface changes documented	GG	PM
14	2.2.2	Decouple D0runjob macro and SamGrid development work	GG	PL
15	2.2.3	Decoupling: MC Job Type: SamGrid Integration	GG	PM
16	2.3	Ability to store output at any stage on demand	GG	
17	2.3.1	Store output from any stage: SamGrid development/integration	GG	PM
18	2.3.4	Store output from any stage: Production-level test	GG	JS
19	2.3.5	MILE 22: Store output from any stage of processing	GG	
20	2.4	Start Prod via SAM Definition from Stage 2 of Prod: v1	GG	
21	2.4.1	INPUT: Start Prod at Stage 2: D0runjob development	GG	PL
22	2.4.2	Start Prod at Stage 2: SamGrid development/integration	GG	PM
23	2.4.3	Start Prod at Stage 2: Production-level test	GG	JS
24	2.4.4	MILE 2: Start (MC) Production at Stage 2 - Working	GG	
25	2.5	Error Recovery in Phased Processing	GG	
26	2.5.1	Error Recovery: SamGrid development/integration	GG	PM
27	2.5.2	Error Recovery: Production-level test	GG	JS
28	2.5.3	milestone: Error Recovery in Phased Processing	GG	
29	2.6	D0repro tools adapted to use Sam v7 request system	GG	
30	2.6.1	D0repro tools adaptation: First 50% implementation	DW	DW
31	2.6.2	D0repro tools adaptation: Next 40% implementation	DW	DW
32	2.6.3	D0repro tools adaptation: Request impact on SamGrid and/or D0runjob	GG	RDK,GG
33	2.6.8	D0repro tools adaptation: Fix python interface to SAM request system	AL	SS
34	2.6.9	DEFER: D0repro tools adaptation: Final 10% implementation	DW	DW
35	2.6.4	D0repro tools adaptation: Use generic runjob interfaces in Samgrid for data processing App	GG	PM
36	2.6.10	D0repro tools adaptation: Define test dataset	GG	MD
37	2.6.5	DEFER: D0repro tools adaptation: Adjust D0runjob to use request system	GG	PL,PM
38	2.6.7	DEFER - MILE 14: D0repro-tools uses Sam v7 request system	GG	
39	2.7	Resolve how to add production paths in future	GG	
40	2.7.12	Generalization of Job Types according to I/O Characteristics: client side	GG	PM
41	2.7.1	Generalization of Job Types according to I/O Characteristics: execution side	GG	PM

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42		2.7.14	Generalization of Job Types according to I/O Characteristics: internal testing	GG	PM	
43		2.7.13	D0repro tools/Generalization changes: Develop test	GG	PM	
44		2.7.11	D0repro tools/Generalization changes: Production test	GG	MD	
45		2.7.6	D0repro tools/Generalization changes: MC Production test	GG	JS	
46		2.7.2	Resolve how to add production paths in future: Document	GG	PM	
47		2.7.3	Resolve how to add production paths in future: D0 Approval	GG	ASB	
48		2.7.4	MILE 20: How to add production paths in future - resolved	GG		
49		2.8	Support testing v7/d0runjob/SamGrid functionality	GG		
50		2.8.1	Survey current understanding of testing procedures	GG	RDK	
51		2.8.2	D0GPCI FNAL testing meeting	GG		
52		2.8.3	Testing responsibilities, procedures proposal	GG	GG	
53		2.8.4	Agreement on Component and Integration testing	GG	GG,PL	
54		2.8.5	Evaluate how D0runjob should set up WN environment	GG	AB2	
55		2.8.6	D0runjob sets up its own environment	GG	PL	
56		2.8.7	Evaluate and sign-off on test facilities and procedures	GG	/,PL,DW,JS	
57		2.8.8	MILE 18: Support testing v7/d0runjob/SamGrid functionality	GG		
58		2.9	Start Prod via SAM Definition from Stage 2 of Prod: v2	GG		
59		2.9.1	Start Prod at Stage 2: SamGrid notification=all bug fix	GG	PM	
60		2.9.2	Start Prod at Stage 2: Production-level re-test	GG	JS	
61		2.9.3	milestone: Start Prod at Stage 2 Ready for Production Release	GG		
62		2.10	Evaluate Extensions to Development	GG		
63		2.10.1	D0runjob/SamGrid Decoupling: Skim Job Type	GG		
64		2.10.3	D0runjob/SamGrid Decoupling: Merge Job Type	GG		
65		2.10.4	Start Prod via SAM Definition from Stage 3+ of Prod	GG		
66		2.10.5	Fabric interface no longer dependent on Job Type	GG		
67		2.10.6	All merge code into D0runjob	PL		
68		2.10.7	Write evaluation of extensions to development	GG	GG	
69		2.11	MILE 26: Tools have defined API, testing responsibilities	GG		
70		3	Transition Operations Support from SamGrid Dev to Run2 Ops	GG,AL		
71		3.1	Operations Documentation	AL		
72		3.1.1	Data Queues Doc	AL		
73		3.1.1.1	INPUT: Data Queues Doc: Recent Draft	AL	AB2	
74		3.1.1.2	Data Queues Doc: Feed-back, update	AL	AB3,AB2	
75		3.1.1.3	Data Queues Doc: Approve	AL	AL	
76		3.1.1.4	Data Queues Doc: Integrate into SamGrid Documentation	AL	DZ,AL	
77		3.1.1.5	milestone: Data Queues Doc: Completed	AL		
78		3.1.2	Forwarding Node Installation Doc	AL		
79		3.1.2.1	INPUT: Fwd Node Install Doc: Recent Draft	AL	DZ	
80		3.1.2.2	Fwd Node Install Doc: Hardware prep attempt	AL	SS	
81		3.1.2.3	Fwd Node Install Doc: Feed-back	AL	SS	
82		3.1.2.4	Fwd Node Install Doc: Integrate Dehong and Steve's documents	AL	DZ,SS	
83		3.1.2.5	Fwd Node Install Doc: Approve	AL	AL	

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84	✓	3.1.2.6 Fwd Node Install Doc: Integrate into SamGrid Installation Manual	AL	DZ
85	✓	3.1.2.7 milestone: Fwd Node Install Doc: Completed	AL	
86	✓	3.1.3 Integrating SRM Storage with SAM Doc	GG	
87	✓	3.1.3.1 SRM with SAM Doc: Integrate into SamGrid Documentation	GG	AB2
88	✓	3.1.3.2 milestone: SRM with SAM Doc: Completed	GG	
89	✓	3.1.4 Operations Policies Doc	AL	
90	✓	3.1.4.1 Operations Policies doc: Draft	AL	AL
91	✓	3.1.4.2 Operations Policies doc: Review	AL	GG,RDK
92	✓	3.1.4.3 Operations Policies doc: Revised draft	AL	AL
93	✓	3.1.4.4 Operations Policies doc: Review, agreement	AL	
94	✓	3.1.4.5 Operations Policies doc: Review version v1.0	AL	AL
95	✓	3.1.4.8 Operations Policies doc: Stakeholder Review	AL	RDK
96		3.1.4.9 Operations Policies doc: Release version v1.1	AL	AL
97		3.1.4.6 Operations Policies doc: Approve - CD, D0	AL	ASB,RDK
98		3.1.4.7 MILE 13: Grid Production Operations Policies doc done	AL	
99		3.1.5 milestone: Operations Documentation completed	AL	
100	✓	3.2 Operations Reduction and Transfer Planning	GG,AL	
101	✓	3.2.1 Current Operations Description	GG	
102	✓	3.2.1.1 INPUT: Write-up of operations issues	GG	GG
103	✓	3.2.1.2 Current Operations description: draft - level and causes	GG	GG
104	✓	3.2.1.3 Current Operations description: Review	GG	PM,RDK,AL
105	✓	3.2.1.4 Current Operations description: Revised version	GG	GG
106	✓	3.2.1.5 Current Operations description: Approve	GG	ASB
107	✓	3.2.1.6 milestone: Current Operations description	GG	
108	✓	3.2.2 Future Operations Staffing Doc	AL	
109	✓	3.2.2.1 INPUT: FY08 REX budget determined	RS	RS,AL
110	✓	3.2.2.2 Future Operations description: draft - acceptable load level and activities	AL	RS,AL
111	✓	3.2.2.3 Future Operations description: Review	AL	G,RDK,ASB
112	✓	3.2.2.4 Future Operations description: Approve	AL	ASB
113	✓	3.2.2.5 milestone: Future Operations description	AL	
114	✓	3.2.3 Operations Reduction Plan: "Road To Operations"	GG	
115	✓	3.2.3.1 INPUT: Operations Reduction plan: Monitoring, Alarms proposal	GG	AB2
116	✓	3.2.3.2 Operations Reduction plan: Overall draft	GG	GG
117	✓	3.2.3.3 Operations Reduction plan: Review	GG	SB,RDK,AL
118	✓	3.2.3.4 Operations Reduction plan: Revised version	GG	GG,AB2
119	✓	3.2.3.5 MILE 4: Operations Reduction plan: Working plan ready	GG	
120	✓	3.2.3.6 Operations Reduction plan: Coordinate w/FEF	GG	GG
121	✓	3.2.3.7 Operations Reduction plan: Approve - CD, D0	GG	ASB,RDK
122	✓	3.2.3.8 milestone: Operations Reduction plan completed	GG	
123	✓	3.2.4 milestone: Operations Reduction and Transfer Planning completed	GG	
124	✓	3.3 Operations Transfer Execution	GG,AL	
125	✓	3.3.1 Operations Transfer: Phase 1 (Checklist)	GG,AL	

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126	✓	3.3.1.1		GG,AL	
127	✓	3.3.1.1.1		GG,AL	GG
128	✓	3.3.1.1.2		GG,AL	AL
129	✓	3.3.1.1.3	milestone: SamGrid Requests to Sam Issue Tracker	GG,AL	
130	✓	3.3.1.2	SamGrid Operations Checklist	GG	
131	✓	3.3.1.2.1	Write-up checklist	GG	PM
132	✓	3.3.1.2.2	Review checklist	GG	GG,AL
133	✓	3.3.1.2.3	Revise checklist	GG	PM
134	✓	3.3.1.2.4	Checklist training, trial run	GG	PM,AL
135	✓	3.3.1.2.5	Fine-tune checklist per feed-back	GG	PM
136	✓	3.3.1.2.6	milestone: SamGrid Operations Checklist Transferred	GG	
137	✓	3.3.1.3	Adapt Operations Checklist to Ops-oriented Format	AL	AL,GG
138	✓	3.3.1.3.1	Adapt to Ops-oriented format	AL	AL
139	✓	3.3.1.3.2	Review, sign-off by GG, AB2	AL	GG,AB2
140	✓	3.3.1.3.3	milestone: Adapt Operations Checklist to Ops-oriented Format	AL	
141	✓	3.3.1.4	MILE 3: Manual Checklist - Phase 1/4 of Ops Transfer done	GG,AL	
142	✓ 	3.3.2	Operations Transfer: Phase 2 (Fwd Nodes, Stations)	GG,AL	
143	✓	3.3.2.1	REX Ops co-performs ops tasks with SamGrid Dev (Level of Effort)	GG,AL	DEV,REX
144	✓	3.3.2.2	Topical Operations Training and Docs as requested by REX ops (Level of Effort)	GG,AL	DEV,REX
145	✓	3.3.2.3	MILE 5: Fwd Nodes - Phase 2/4 of Ops Transfer done	GG,AL	
146	✓ 	3.3.3	Operations Transfer: Phase 3 (Durable Locations, Queueing Nodes)	GG,AL	
147	✓	3.3.3.1	REX Ops co-performs ops tasks with SamGrid Dev (Level of Effort)	GG,AL	DEV,REX
148	✓	3.3.3.2	Topical Operations Training and Docs as requested by REX ops (Level of Effort)	GG,AL	DEV,REX
149	✓	3.3.3.3	MILE 10: Queueing,Durable Nodes - Phase 3/4 of Ops Transfer done	GG,AL	
150	✓ 	3.3.4	Operations Transfer: Phase 4 (Jim Client, plus all else)	GG,AL	
151	✓	3.3.4.1	REX Ops co-performs ops tasks with SamGrid Dev (Level of Effort)	GG,AL	DEV,REX
152	✓	3.3.4.2	Topical Operations Training and Docs as requested by REX ops (Level of Effort)	GG,AL	DEV,REX
153	✓	3.3.4.3	MILE 21: Jim_Client+ - Phase 4/4 of Ops Transfer done	GG,AL	
154	✓	3.3.5	milestone: Operations Transfer nominally completed	GG,AL	
155	✓	3.4	VDT Version Migration	GG	
156	✓	3.4.1	New VDT: VDT-oriented Testbed setup	GG	PM
157	✓	3.4.2	New VDT: VDT-oriented Testbed resetup	GG	PM
158	✓	3.4.3	New VDT: software adaptation and deployment	GG	PM
159	✓	3.4.5	MILE 9: SamGrid migrated to new VDT version	GG	
160	✓ 	3.5	Operations Reduction Execution: "Road To Operations"	GG	
161	✓ 	3.5.1	Reinstall key machines with standard configuration	GG	
162	✓ 	3.5.1.1	Reach agreement among groups involved (by Sep 14)	GG	GG,AL
163		3.5.1.2	Reinstall Forwarding Nodes with standard configuration	GG,AL	
164	✓ 	3.5.1.2.1	Define standard fwd node machine configuration	GG	PM
165		3.5.1.2.2	Reinstall Forwarding Nodes: Oct 22- Nov 20	GG	
166	✓ 	3.5.1.2.2.1	Admins procure HW parts for all fwd nodes	GG	FEF
167	✓	3.5.1.2.2.2	Reinstall Forwarding Node 1 (w/Sam Station)	GG	

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168	✓	3.5.1.2.2.2.1	Admins configure candidate fwd node (by Oct 22)	GG	FEF	
169	✓	3.5.1.2.2.2.2	Developers install and test candidate fwd node (by Fri Oct 26)	GG	PM	
170	✓	3.5.1.2.2.2.4	Adjust current software to use standard location as default	GG	PM	
171	✓ 	3.5.1.2.2.2.3	Adjust current installation instructions	GG	PM	
172	✓	3.5.1.2.2.2.5	REX ops re-installs on candidate machine	AL	SS	
173	✓	3.5.1.2.2.2.7	Admins and REX ops configure production fwd node	AL	FEF,SS	
174	✓ 	3.5.1.2.2.2.6	Switch candidate machine and d0srv047 (fwd + station) (Nov 6)	AL	SS	
175	✓	3.5.1.2.2.2.9	Diagnose, resolve, document 32-bit/64-bit compatibility issues	GG,AL	PM,SS	
176	✓	3.5.1.2.2.2.8	MILE 11: Forwarding Node w/Sam Station Reinstalled with std config	GG		
177	✓	3.5.1.2.2.3	INPUT: Test of fail-over in production environment	GG	PM	
178	✓	3.5.1.2.2.4	Reinstall Forwarding Node 2	AL		
179	✓ 	3.5.1.2.2.4.1	REX ops drains and take production fwd node offline (d0srv15): NO-OP	AL	SS	
180	✓	3.5.1.2.2.4.2	REX ops installs software on new production fwd node (samgfwd02)	AL	SS	
181	✓	3.5.1.2.2.4.6	REX ops tests new production fwd node (samgfwd02)	AL	SS	
182	✓	3.5.1.2.2.4.7	Rex ops and SamGrid Dev resolve perl/VDT issues revealed in fwd node test	AL	SS,PM	
183	✓	3.5.1.2.2.4.8	REX ops retests new production fwd node (samgfwd02)	AL	SS	
184	✓	3.5.1.2.2.4.3	Put new fwd node in production, drain old node (samgfwd02, old: d0srv15)	AL	SS	
185	✓	3.5.1.2.2.4.5	milestone: verified fwd node configuration and procedure	AL		
186		3.5.1.2.2.5	Reinstall Forwarding Node 3	AL		
187	✓	3.5.1.2.2.5.2	REX ops installs software on new production fwd node (samgfwd03)	AL	SS	
188	✓	3.5.1.2.2.5.5	REX ops tests new production fwd node (samgfwd03)	AL	SS	
189	✓	3.5.1.2.2.5.7	REX ops follows up on samgfwd03 stability concerns with FEF	AL	SS	
190	✓ 	3.5.1.2.2.5.8	REX ops re-installs software on Fwd Node 3	AL	SS	
191	✓ 	3.5.1.2.2.5.9	REX ops re-tests Fwd Node 3	AL	SS	
192		3.5.1.2.2.5.12	REX ops re-installs software on Fwd Node 3 (re-do)	AL	SS	
193		3.5.1.2.2.5.13	REX ops re-re-tests Fwd Node 3	AL	SS	
194		3.5.1.2.2.5.10	Deploy Condor patch to Fwd Nodes 1-3	AL	SS	
195		3.5.1.2.2.5.3	Put new fwd node in production, drain old node (samgfwd03, old: d0srv66)	AL	SS	
196		3.5.1.2.2.5.11	MILE 15: OSG Fwd nodes reinstalled with std config	GG		
197	✓	3.5.1.2.2.8	Organize activities to prepare for LCG fwd node migration	GG	GG	
198	✓	3.5.1.2.2.11	Reinstall LCG/Germany/Wuppertal Forwarding Node	AL		
199	✓	3.5.1.2.2.11.15	Site ops repairs failed disk, brings node back online	AL	LCG	
200	✓ 	3.5.1.2.2.11.20	REX ops installs software on LCG/Germany fwd node: trial 1	AL	SS	
201	✓	3.5.1.2.2.11.21	Evaluate options for proceeding: std config, less space, old restore, etc.	AL	AL,ASB	
202	✓ 	3.5.1.2.2.11.16	REX ops installs software on LCG/Germany fwd node: trial 2	AL	SS	
203	✓	3.5.1.2.2.11.25	DEFER: Stop re-installation work on unsupported Wuppertal node	AL		
204	✓	3.5.1.2.2.10	Reinstall LCG/UK/Imperial College Forwarding Node	AL		
205	✓ 	3.5.1.2.2.10.12	DEFER: DO not start re-installation of unreachable IC node	AL		
206		3.5.1.2.3	milestone: Forwarding nodes reinstalled with standard configuration	GG		
207	✓	3.5.1.3	Reinstall Queuing Node with standard configuration	GG,AL		
208	✓ 	3.5.1.3.1	Define standard queuing node machine configuration	GG	PM	
209	✓	3.5.1.3.2	Reinstall Queuing Node: Oct 19 - Nov 6	GG		

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210		3.5.1.3.2.1	Admins procure HW parts for samgrid-like node (job queuing, broker, web server)	GG	FEF	
211		3.5.1.3.2.2	Admins configure test instance of samgrid-like node	GG	FGS	
212		3.5.1.3.2.3	Developers install and test samgrid-like node (by Wed Nov 7)	GG	PM	
213		3.5.1.3.2.4	Adjust current installation instructions	GG	PM	
214		3.5.1.3.2.5	Adjust current software to use standard location as default	GG	PM	
215		3.5.1.3.2.6	Admins configure production samgrid-like node	AL	FGS	
216		3.5.1.3.2.7	REX ops installs queuing software on production samgrid-like node	AL	SS	
217		3.5.1.3.2.9	Dev ops installs web server software on production samgrid-like node	AL	PM	
218		3.5.1.3.2.8	REX ops integrates new samgrid-like node into production system	AL		
219		3.5.1.3.2.8.1	Replace samgrid.fnal.gov (Dec 4 downtime, prefer Nov 6 downtime)	AL	SS	
220		3.5.1.3.3	MILE 12: Queuing node reinstalled with std config	GG		
221		3.5.1.3.4	Diagnose job history incompatibility issues and create migration plan	GG	PM,GG	
222		3.5.1.3.11	Prepare for migration from mixed old/new samgrid nodes to new node use only	GG	PM,GG	
223		3.5.1.3.5	Migrate MC Prod from mixed old/new samgrid nodes to new node use only	GG	JS	
224		3.5.1.3.6	Migrate Prod from mixed old/new samgrid nodes to new node use only	GG	MD	
225		3.5.1.3.12	Turn off old samgrid.fnal.gov (samgrsrv1) - warn,do,check	GG	GG	
226		3.5.1.3.8	milestone: Migration to exclusive use of new samgrid node completed	GG		
227		3.5.1.4	Reinstall Durable Locations with standard configuration	GG,AL		
228		3.5.1.4.1	Define standard durable location machine configuration	GG	PM	
229		3.5.1.4.2	Reinstall Durable Locations: Nov 9 - Nov 28	GG		
230		3.5.1.4.2.1	MOOT: Admins procure HW parts(?) for test instance of durable location node	GG	FEF	
231		3.5.1.4.2.2	MOOT: Admins configure test instance of durable location node (by Fri Nov 9)	GG	FEF	
232		3.5.1.4.2.3	MOOT: Developers install and test durable location node (by Fri Nov 23)	GG	PM	
233		3.5.1.4.2.4	Durable Locations: Adjust current installation instructions	GG	PM	
234		3.5.1.4.2.5	MOOT: Adjust current software to use standard location as default	GG	PM	
235		3.5.1.4.2.6	MOOT: REX ops re-installs on test machine	AL	SS	
236		3.5.1.4.2.7	REX ops reconfigures existing durable locations	AL		
237		3.5.1.4.2.7.1	MOOT: Stop tmr upload to d0srv063; REX ops reinstalls durable location	AL	SS	
238		3.5.1.4.2.7.2	MOOT: Stop tmr upload to d0srv065; REX ops reinstalls durable location	AL	SS	
239		3.5.1.4.3	MILE 17: Durable Locations reinstalled with std config	GG		
240		3.5.1.5	milestone: Standard configuration defined and key machines reinstalled	GG		
241		3.5.8	Create SamGrid Test Stand v1.0	AL		
242		3.5.8.7	REX ops and Run2Sys agree on/setup hardware config of test stand nodes	AL	SS	
243		3.5.8.1	REX ops installs software on test OSG fwd node (d0srv15)	AL	SS	
244		3.5.8.8	REX ops installs software on 2nd test fwd node (d0srv47)	AL	SS	
245		3.5.8.9	REX ops tests fwd nodes in test stand - just 1 of 2 needs to work	AL	SS	
246		3.5.8.2	Admins fix disk on test queue node (old samgrid)	AL	FEF	
247		3.5.8.5	REX ops installs software on test queue node (old samgrid)	AL	SS	
248		3.5.8.3	Trial use of SamGrid test stand v1.0	AL	SS	
249		3.5.8.4	milestone: SamGrid test stand completed	AL		
250		3.5.2	Automate routine maintenance operations	GG		
251		3.5.2.1	Automatic clean up of job queues	GG		

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252	✓	3.5.2.1.5	Dev tools to auto-clean up OSG job queue in samgrid_util (Forwarding Nodes)	GG	PM	
253	✓	3.5.2.1.2	Deploy/observe tools for auto-clean up of OSG job queue (Fwd Nodes 1,2 re-installed)	GG	PM,SS	
254	✓	3.5.2.1.9	Dev tools to auto-clean up SamGrid job queue in samgrid_util CVS (Queuing Node)	GG	PM	
255		3.5.2.1.3	Samgrid_util product cut with queue node clean-up, etc.	GG	PM	
256	✉	3.5.2.1.4	Deploy/observe tools for auto-clean up of SamGrid job queue	GG	PM,SS	
257	✉	3.5.2.1.8	Deploy/observe tools for auto-clean up of OSG job queue (Fwd Node 3 re-installed)	GG	SS	
258		3.5.2.2	Automatic clean-up of disk areas	GG		
259	✓✉	3.5.2.2.1	Resolve: Globus gatekeeper does not properly cleanup gass caches	GG	PM	
260	✓	3.5.2.2.2	Periodically clean up gram log files at fwd nodes and exec sites	GG	PM	
261	✓	3.5.2.2.3	Clean up sandboxes and jim_tmp areas at fwd node	GG	PM	
262	✓	3.5.2.2.4	Clean up non-rotated log files (eg. Tomcat): CVS archive part	GG	PM	
263	✓	3.5.2.2.5	Clean up non-rotated log files (eg. Tomcat): Logrotate part A	GG	PM	
264		3.5.2.2.6	Clean up non-rotated log files (eg. Tomcat): Logrotate part B	GG	PM	
265		3.5.2.3	Automation of all gridmap file management (including condor_schedd)	GG	PM	
266	✓	3.5.2.4	Simplify maintenance of automatic clean-up scripts for durable locations	GG	AB2	
267	✓	3.5.2.5	Add the deployment of scripts to installation instructions	GG	PM	
268		3.5.2.7	MILE 23: Routine maintenance operations automated	GG		
269	✓	3.5.4	Automatic handling of job log files	GG		
270	✓✉	3.5.4.1	Reduce size of output sandbox	GG	AB2	
271	✓✉	3.5.4.2	Make output sandbox space management more robust	GG	AB2	
272	✓	3.5.4.3	Transfer output sandbox selection logic to Runjob: Initial Pass	GG	PL	
273	✓	3.5.4.8	Transfer output sandbox selection logic to Runjob: Test, add old/new support	GG	AB2	
274	✓	3.5.4.10	Transfer output sandbox selection logic to Runjob: Final testing	GG	AB2	
275	✓	3.5.4.11	milestone: Automated handling of job log files	GG		
276	✓	3.5.4.9	LogFile Access Tools			
277	✓	3.5.4.9.1	Specify tools for accessing old logfiles	GG	MD	
278	✓	3.5.4.9.2	Provide tools (to MD) for accessing old logfiles	GG	AB2	
279	✓	3.5.4.9.3	Test logfile access tools	GG	MD	
280	✓	3.5.4.9.4	Revise tools given customer feedback	GG	AB2	
281		3.5.5	Automate system health alarms	GG		
282	✓	3.5.5.1	NGOP central service	GG		
283	✓	3.5.5.1.1	Define hardware	GG	AB2	
284	✓	3.5.5.1.2	Install basic NGOP server	GG	AB2	
285	✓	3.5.5.1.4	Deploy and test best schema as depicted	GG	AB2	
286	✓	3.5.5.1.5	Understand SAM-Grid representation requirements: Dev part	AL	AB2	
287	✓	3.5.5.1.6	Understand SAM-Grid representation requirements: Ops part	AL	RH	
288	✓	3.5.5.1.9	Static NGOP configuration approach (instead of automated)	AL	AB2,REX	
289	✓	3.5.5.1.8	milestone: NGOP central service prepared	GG		
290	✓✉	3.5.5.2	Samgrid_mon	GG		
291	✓	3.5.5.2.1	Develop persistent environment for repetitive task execution	GG	AB2	
292	✓	3.5.5.2.2	Develop converter between SamGrid config and next-gen cron	GG	AB2	
293	✓	3.5.5.2.4	Store duplicate configuration of fwd node	GG	AB2	

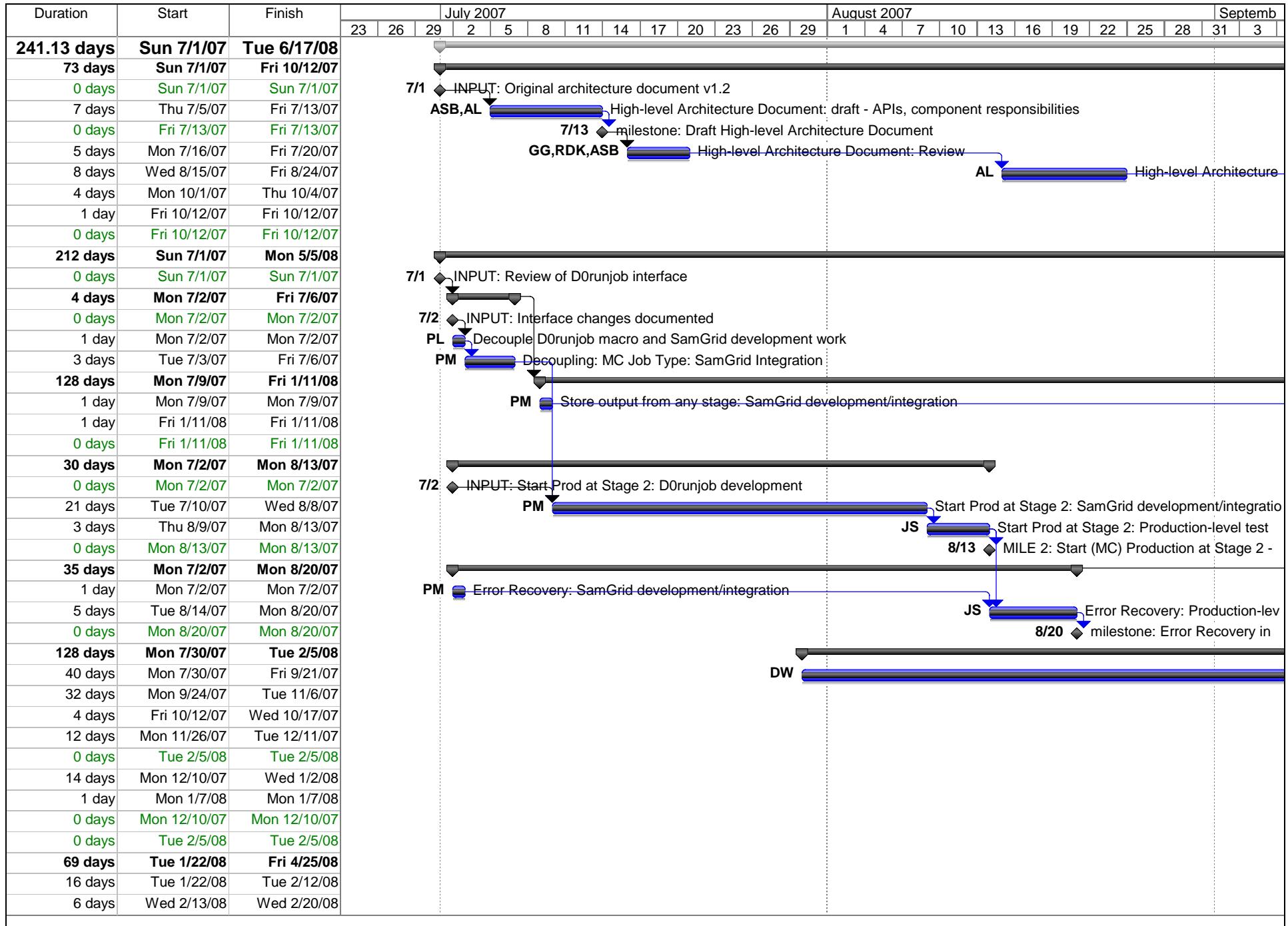
ID	WBS	Task Name	Contact	Resource Initials
294	✓	3.5.5.2.5		GG AB2
295	✓	3.5.5.2.6		GG AB2
296	✓	3.5.5.2.7		GG AB2
297	✓	3.5.5.2.8		GG
298	✓	3.5.5.3	Develop monitoring scripts	GG
299	✓	3.5.5.3.1	Develop generic scripts for Gridftp and Fcp monitoring	GG AB2
300	✓	3.5.5.3.3	Data Nodes: Stager, Durable location, caches, Gridftp, Fcp	GG AB2
301	✓ 	3.5.5.3.2	Forwarding Node: Gridftp, Fcp, Jim_advertise, XML db, Sandbox, opt. sched. component	GG AB2
302	✓	3.5.5.3.4	milestone: Monitoring scripts developed	GG
303	✓	3.5.5.5	Assess automation of alarming systems	GG AB2
304	✓	3.5.5.6	Integration deployment and testing	GG AB2
305	✓	3.5.5.7	Documentation Initiation	GG AB2
306	✓	3.5.5.4	MILE 19: System health alarms deployed via NGOP with static config	GG
307	✓	3.5.5.12	Generate NGOP agents from set of monitoring scripts and config	GG AB2
308	✓	3.5.5.14	Documentation Completion	GG AB2
309	✓	3.5.5.15	Create NGOP config baseline, support process, training	AL AL,AB2
310	✓	3.5.5.16	Migrate service from d0srv15 to samgfwd01	AL AB2
311		3.5.5.17	Configure a back-up health alarm server on distinct forwarding node	AL SS
312		3.5.5.18	Add health alarm service install instructions or link to Fwd Node Install instructions	AL DEV
313		3.5.5.8	milestone: System health alarms via NGOP with sustainable process	GG
314	✓ 	3.5.6	Improve system testing infrastructure	GG
315	✓	3.5.6.1	Simplify running test jobs	GG
316	✓	3.5.6.1.1	Create test parameters for all job types	GG AB2
317	✓	3.5.6.1.2	Create and distribute JDL templates with test parameters	GG AB2
318	✓	3.5.6.1.3	Write testing instructions	GG AB2
319	✓	3.5.6.1.4	milestone: Running test jobs simplified per request	GG
320		3.5.7	milestone: End of the Road to Operations	GG
321	✓	3.7	Other Operations-related Fixes and Upgrades	GG
322	✓	3.7.1	Clarify D0 certificate approval process, personnel	GG GG
323	✓ 	3.7.5	Investigate "Immortal Jobs" Operations Issue	GG
324		3.8	MILE 27: Close-out of Ops Reduction/Transfer completed	GG
325		4	D0 Primary Production on Fermigrid	MD
326	✓	4.1	Initial Commissioning	MD
327	✓	4.1.1	INPUT: Attempt to run D0 Primary Production on FermiGrid	MD MD
328	✓	4.1.2	OSG/Fermigrid Resource Selection Meeting	MD MD
329	✓ 	4.1.3	Config D0Production role: Fermigrid, GUMS, CAB, PBS, etc.	ST,FEF MD
330	✓	4.1.4	Run D0 Primary Prod via D0Production role	MD MD
331	✓	4.1.5	MILE 1: D0 Primary Production Runnable on Fermigrid	MD
332	✓	4.2	DOPPF Commissioning Evaluation Meeting	RDK
333		4.3	Stable Operations	MD
334	✓	4.3.1	Commissioning Follow-up	MD
335	✓ 	4.3.1.1	Fix d0srv065 storage issues	MD MD

ID	WBS	Task Name	Contact	Resource Initials
336	✓	4.3.1.2 Run D0 Primary Prod to verify storage fix	MD	MD
337	✓	4.3.1.3 Scale-up D0 Primary Prod to 200 nodes	MD	MD
338	✓	4.3.1.4 milestone: D0PPF Stable Ops: Commissioning follow-up completed	MD	MD
339	4.3.2	Management Processes and Documentation	MD	
340	✓	4.3.2.1 Implement Change Management for feature requests using SAM IssueTracker	MD	
341	✓	4.3.2.2 Establish service level for stable operations and implications on system config	MD,GG,PM,JS	
342	✓	4.3.2.3 Grid Production System workflow/dataflow diagram - draft	RDK	RDK
343	✓	4.3.2.4 Grid Production System info on diagram: node roles, software, maintainers	RDK	RDK,AB2
344	✓	4.3.2.8 Grid Production System workflow/dataflow diagram - final	RDK	RDK
345	█	4.3.2.9 Post Grid Production System hardware map v3 to Wiki	RDK	AL
346	✓	4.3.2.5 Open Science Enclave baseline security plan - implications on SamGrid, CAB	MD	MD,GG,FEF
347	✓	4.3.2.7 milestone: D0PPF Stable Ops: Management Processes and Documentation done	MD	
348	4.3.3	System Monitoring	MD	
349	✓	4.3.3.1 CAB web monitoring infrastructure upgrade	RDK	FEF
350	✓	4.3.3.6 CAB web monitoring changes requested by MD,JS - data collection	RDK	FEF
351	✓	4.3.3.7 CAB web monitoring: Evaluate 3rd party PBS monitoring package	RDK	FEF
352	█	4.3.3.5 CAB web monitoring changes requested by MD,JS - data presentation	RDK	FEF
353	4.3.3.4	milestone: D0PPF Stable Ops: System Monitoring done	MD	
354	4.3.4	Specific System Services Issues	MD	
355	█	4.3.4.1 Allow access by MD to dir/files on CAB owned by dzeropro (suggested: get root access)	MD	MD
356	█	4.3.4.2 JIM production release consistent with d0runjob v7-7-3 and higher	MD	MD
357	✓	4.3.4.3 Evaluate use of ReSS (more flexible than use of roles)	GG	GG
358	✓	4.3.4.5 Determine in detail how to adapt to use ReSS in D0GPCI	GG	GG
359	✓	4.3.4.6 Forward user's job scheduler requirements to sites: client side	GG	PM
360	✓	4.3.4.7 Forward user's job scheduler requirements to sites: execution side	GG	PM
361	4.3.4.8	Forward user's job scheduler requirements to sites: D0Runjob changes	GG	PL,PM
362	4.3.4.9	Forward user's job scheduler requirements to sites: pre-production testing	GG	MD
363	4.3.4.4	milestone: D0PPF Stable Ops: Specific System Services done	MD	
364	4.3.5	General System Services Issues (Road to Operations)	GG	
365	4.3.5.1	INPUT: (3.5.1) Standardize file system layout on SamGrid nodes	GG	
366	4.3.5.2	INPUT: (3.5.1) Get all nodes governing operation in a consistent, known state	GG	
367	✓	4.3.5.3 INPUT: (3.5.4) Evaluate how to reduce bandwidth consumed by moving logs	GG	
368	✓	4.3.5.4 INPUT: (3.5.4) Make Custom output support smarter, use compression	GG	
369	✓	4.3.5.5 INPUT: (3.5.4) Migrate Custom output support from SAM wrapper to D0runjob	GG	
370	✓	4.3.5.6 INPUT: (3.5.4) Implement a logfile archive node	GG	
371	4.3.5.7	milestone: D0PPF Stable Ops: General System Services done	GG	
372	✓	4.4 D0PPF Operations Evaluation Meeting	RDK	
373	4.7	MILE 28: D0 Primary Production Stable on Fermigrid	MD	
374	✓	5 Extend Grid Production System Functionality	GG	
375	✓	5.1 Forwarding Node Behind Firewall	GG	
376	✓	5.1.1 Forwarding Node Behind Firewall: Evaluate, determine best course of action	GG	AB2
377	✓	5.2 Minimal Resource Brokering	GG	

ID	WBS	Task Name	Contact	Resource Initials	
378	5.2.1	Minimal Resource Brokering: Evaluate, determine best course of action	GG	GG	
379	5.3	MILE 16: Grid Production System functionality completed	GG		
380	6	Preparation of D0 Apps for Long-term	ASB		
381	6.1	Skimming	HG		
382	6.1.1	Productize Skimming	RDK		
383	6.2	CAF Trees			
384	6.2.1	Productize CAF Tree generation	RDK		
385	6.3	Raw2Sim			
386	6.3.1	Productize Raw2Sim	RDK		
387	6.4	AADST			
388	6.4.1	Productize AADST	RDK		
389	6.4.3	Enable data migration to SAM storage	AL	AL	
390	6.4.4	Track data migration to SAM storage	AL	AL	
391	6.4.5	Perform data migration to SAM storage	AL	D0	
392	6.6	Write recommendations for productization of D0 Apps	RDK	RDK	
393	6.5	MILE 24: Preparation of D0 Apps for long-term	ASB		
394	7	Evaluation of D0 SamGrid Requests	RDK		
395	7.1	Reco			
396	7.1.1	EVAL: Ability to merge more than 1 stream from Reco	RDK		
397	7.2	MC Production			
398	7.2.1	EVAL: Ability to run TrigSim in MC Production	RDK		
399	7.3	Skimming			
400	7.3.1	EVAL: Skimming in Production	RDK		
401	7.4	EVAL: Fixing			
402	7.5	Raw2Sim			
403	7.5.1	EVAL: Run raw2sim on minbias files	RDK		
404	7.6	Reco-cert			
405	7.6.1	EVAL: Merging of reco-cert files	RDK		
406	7.6.2	Stand-alone production of reco-cert output on SamGrid			
407	7.6.2.1	Develop WBS for implementing S/A Recocert on SamGrid	RDK	RDK	
408	7.7	CAF Trees			
409	7.7.1	EVAL: CAF Trees from Production	RDK		
410	7.8	EVAL: MC CAF Trees	RDK		
411	7.9	EVAL: AADST	RDK		
412	7.10	EVAL: Grid Analysis	RDK		
413	7.12	Evaluate remaining D0 SamGrid Requests	RDK		
414	7.12.2	Develop generic WBS for adapting D0 Apps to Grid Production	RDK	RDK	
415	7.12.3	Create form to capture D0 App requirements, workflow, use patterns - draft	RDK	RDK	
416	7.12.4	Create maintainable list of known portability issues for D0 Apps on Grid - draft	RDK	RDK	
417	7.12.10	Mini-docs on D0 App requirements, known portability issues - final	RDK	RDK	
418	7.12.1	D0 SamGrid Requests Evaluation: Draft version (v0.8)	RDK	RDK	
419	7.12.8	D0 SamGrid Requests Evaluation: Meet w/D0 Spokes and Vicky White	RDK	RDK	

ID	WBS	Task Name	Contact	Resource Initials
420	✓	7.12.9 D0 SamGrid Requests Evaluation: Review version (v0.9)	RDK	RDK
421	✓	7.12.5 D0 SamGrid Requests Evaluation: Internal Review	RDK	
422	✓	7.12.6 D0 SamGrid Requests Evaluation: Revision (v1.0)	RDK	RDK
423	✓	7.11 MILE 25: Evaluation of D0 SamGrid Requests done	RDK	
424	✓	8 Project Management	RDK	
425	✓	8.1 INPUT: Draft Preliminary High-level WBS	RDK	RDK
426		8.2 Initiative Coordination Meeting	RDK	
427	✓	8.2.1 Initiative Coordination Meeting 1	RDK	
428	✓	8.2.2 Initiative Coordination Meeting 2	RDK	
429	✓	8.2.3 Initiative Coordination Meeting 3	RDK	
430	✓	8.2.4 Initiative Coordination Meeting 4	RDK	
431	✓	8.2.5 Initiative Coordination Meeting 5	RDK	
432	✓	8.2.6 Initiative Coordination Meeting 6	RDK	
433	✓	8.2.7 Initiative Coordination Meeting 7	RDK	
434	✓	8.2.8 Initiative Coordination Meeting 8	RDK	
435	✓	8.2.9 Initiative Coordination Meeting 9	RDK	
436	✓	8.2.10 Initiative Coordination Meeting 10	RDK	
437	✓	8.2.11 Initiative Coordination Meeting 11	RDK	
438	✓	8.2.12 Initiative Coordination Meeting 12	RDK	
439	✓	8.2.13 Initiative Coordination Meeting 13	RDK	
440	✓	8.2.16 Initiative Coordination Meeting 14	RDK	
441	✓	8.2.14 Initiative Coordination Meeting 15	RDK	
442	✓	8.2.17 Initiative Coordination Meeting 16	RDK	
443	✓	8.2.15 Initiative Coordination Meeting 17	RDK	
444	✓	8.2.19 Initiative Coordination Meeting 18	RDK	
445	✓	8.2.20 Initiative Coordination Meeting 19	RDK	
446	✓	8.2.21 Initiative Coordination Meeting 20	RDK	
447	✓	8.2.22 Initiative Coordination Meeting 21	RDK	
448	✓	8.2.23 Initiative Coordination Meeting 22	RDK	
449	✓	8.2.24 Initiative Coordination Meeting 23	RDK	
450		8.2.25 Initiative Follow-up Meeting 24	RDK	
451		8.2.26 Initiative Follow-up Meeting 25	RDK	
452		8.2.27 Initiative Follow-up Meeting 26	RDK	
453	✓	8.3 Project Planning	RDK	
454	✓	8.3.1 WBS/Schedule v0.8 for 3/7 objectives	RDK	RDK
455	✓	8.3.2 milestone: WBS/Schedule v0.8, begin weekly status'ing	RDK	
456	✓	8.3.3 WBS/Schedule v0.9 for 5/7 objectives	RDK	RDK
457	✓	8.3.4 milestone: Plan v0.9 sufficient to drive near-term work	RDK	
458	✓	8.3.5 Draft WBS/Schedule v1.0 for 7/7 objectives	RDK	RDK,GG
459	✓	8.3.6 Big Baseline Planning Meeting	RDK	
460	✓	8.3.7 Create Baseline Project Plan v1.0	RDK	RDK
461	✓	8.3.8 MILE 6: Baseline Project Plan v1.0 released	RDK	

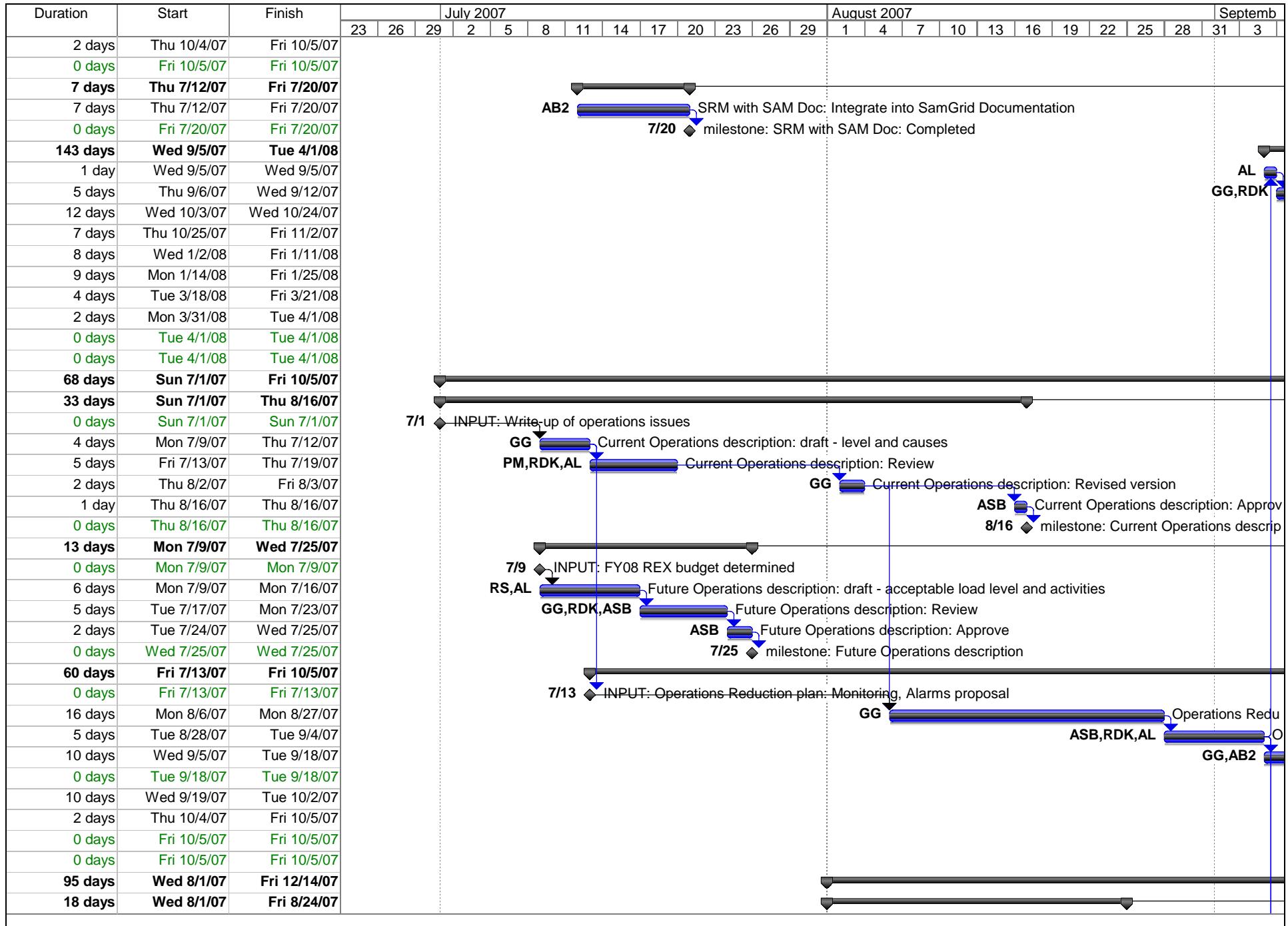
ID	WBS	Task Name	Contact	Resource Initials
462	✓	8.3.9 Baseline Project Plan: Executive Presentations	RDK	RDK
463	✓	8.3.12 Baseline Project Plan v1.0: Integrate feed-back	RDK	RDK
464	✓	8.3.13 Baseline Plan Project v1.1: Drop tasks pushed out past end of Initiative	RDK	RDK
465	✓ 	8.3.14 MILE 8: Project Plan v1.1	RDK	
466	✓	8.4 Project Administration	RDK	
467	✓	8.4.1 Planning Phase (Level of Effort = 5%)	RDK	RDK
468	✓	8.4.2 Execution Phase (Level of Effort >= 15%)	RDK	RDK
469		8.5 Project Close-out	RDK	
470		8.5.6 Project Objectives Close-out Document	RDK	RDK
471		8.5.7 Prepare Rough Draft D0 Technical Note with Project Documents	RDK	RDK
472	 	8.5.1 Project Close-out Meeting	RDK	RDK
473		8.5.2 Project Close-out Report	RDK	RDK
474		8.5.3 Project Close-out Report Approval: ABS, CD	RDK	ASB,RDK
475		8.5.4 Archive project artifacts	RDK	RDK
476		8.5.5 milestone: Initiative Closed-out	RDK	
477	9	MILE 29: D0 GPC Initiative completed	ASB	



Duration	Start	Finish	July 2007												August 2007								Septemb					
			23	26	29	2	5	8	11	14	17	20	23	26	29	1	4	7	10	13	16	19	22	25	28	31	3	
4 days	Tue 3/18/08	Fri 3/21/08																										
4 days	Thu 2/14/08	Tue 2/19/08																										
3 days	Mon 3/24/08	Wed 3/26/08																										
3 days	Mon 3/24/08	Wed 3/26/08																										
10 days	Fri 4/11/08	Thu 4/24/08																										
1 day	Fri 4/25/08	Fri 4/25/08																										
0 days	Fri 4/25/08	Fri 4/25/08																										
82 days	Wed 9/12/07	Fri 1/11/08																										
6 days	Wed 9/12/07	Wed 9/19/07																										
1 day	Thu 9/20/07	Thu 9/20/07																										
12 days	Mon 10/1/07	Tue 10/16/07																										
8 days	Wed 10/17/07	Fri 10/26/07																										
4 days	Tue 11/6/07	Fri 11/9/07																										
6 days	Mon 11/12/07	Mon 11/19/07																										
5 days	Mon 1/7/08	Fri 1/11/08																										
0 days	Fri 1/11/08	Fri 1/11/08																										
7 days	Fri 4/25/08	Mon 5/5/08																										
5 days	Fri 4/25/08	Thu 5/1/08																										
2 days	Fri 5/2/08	Mon 5/5/08																										
0 days	Mon 5/5/08	Mon 5/5/08																										
6 days	Fri 2/1/08	Fri 2/8/08																										
0 days	Fri 2/8/08	Fri 2/8/08																										
0 days	Fri 2/8/08	Fri 2/8/08																										
0 days	Fri 2/8/08	Fri 2/8/08																										
0 days	Fri 2/8/08	Fri 2/8/08																										
6 days	Fri 2/8/08	Fri 2/8/08																										
0 days	Mon 5/5/08	Mon 5/5/08																										
207 days	Sun 7/1/07	Mon 4/28/08																										
188 days	Mon 7/2/07	Tue 4/1/08																										
67 days	Mon 7/2/07	Thu 10/4/07																										
0 days	Mon 7/2/07	Mon 7/2/07																										
5 days	Mon 7/2/07	Mon 7/9/07																										
5 days	Mon 9/24/07	Fri 9/28/07																										
1 day	Thu 10/4/07	Thu 10/4/07																										
0 days	Thu 10/4/07	Thu 10/4/07																										
68 days	Mon 7/2/07	Fri 10/5/07																										
0 days	Mon 7/2/07	Mon 7/2/07																										
25 days	Mon 7/16/07	Fri 8/17/07																										
5 days	Mon 8/20/07	Fri 8/24/07																										
5 days	Wed 9/26/07	Tue 10/2/07																										
1 day	Wed 10/3/07	Wed 10/3/07																										

The Gantt chart illustrates the timeline for various tasks:

- Task AB3,AB2: INPUT: Data Queues Doc: Recent Draft (7/2 to 7/9)
- Task Fwd Node Install Doc: Recent Draft (7/2 to 7/16)
- Task Fwd Node Install Doc: Feed-back, update (7/2 to 7/9)



Duration	Start	Finish	July 2007												August 2007												Septemb		
			23	26	29	2	5	8	11	14	17	20	23	26	29	1	4	7	10	13	16	19	22	25	28	31	3		
2 days	Wed 8/1/07	Thu 8/2/07																											
1 day	Wed 8/1/07	Wed 8/1/07																											
1 day	Thu 8/2/07	Thu 8/2/07																											
0 days	Thu 8/2/07	Thu 8/2/07																											
8 days	Thu 8/2/07	Mon 8/13/07																											
1 day	Thu 8/2/07	Thu 8/2/07																											
3 days	Fri 8/3/07	Tue 8/7/07																											
3 days	Wed 8/8/07	Fri 8/10/07																											
0.5 days	Mon 8/13/07	Mon 8/13/07																											
0.5 days	Mon 8/13/07	Mon 8/13/07																											
0 days	Mon 8/13/07	Mon 8/13/07																											
9 days	Tue 8/14/07	Fri 8/24/07																											
5 days	Tue 8/14/07	Mon 8/20/07																											
4 days	Tue 8/21/07	Fri 8/24/07																											
0 days	Fri 8/24/07	Fri 8/24/07																											
0 days	Fri 8/24/07	Fri 8/24/07																											
15 days	Wed 9/12/07	Tue 10/2/07																											
15 days	Wed 9/12/07	Tue 10/2/07																											
15 days	Wed 9/12/07	Tue 10/2/07																											
0 days	Tue 10/2/07	Tue 10/2/07																											
15 days	Wed 10/17/07	Tue 11/6/07																											
15 days	Wed 10/17/07	Tue 11/6/07																											
15 days	Wed 10/17/07	Tue 11/6/07																											
0 days	Tue 11/6/07	Tue 11/6/07																											
15 days	Mon 11/26/07	Fri 12/14/07																											
15 days	Mon 11/26/07	Fri 12/14/07																											
15 days	Mon 11/26/07	Fri 12/14/07																											
0 days	Fri 12/14/07	Fri 12/14/07																											
0 days	Fri 12/14/07	Fri 12/14/07																											
63 days	Mon 7/30/07	Thu 10/25/07																											
8 days	Mon 7/30/07	Wed 8/8/07																											
2 days	Tue 9/18/07	Wed 9/19/07																											
26 days	Thu 9/20/07	Thu 10/25/07																											
0 days	Thu 10/25/07	Thu 10/25/07																											
162 days	Tue 9/4/07	Mon 4/28/08																											
143 days	Tue 9/4/07	Tue 4/1/08																											
8 days	Wed 9/5/07	Fri 9/14/07																											
143 days	Tue 9/4/07	Tue 4/1/08																											
2 days	Mon 9/17/07	Tue 9/18/07																											
133 days	Wed 9/19/07	Tue 4/1/08																											
16 days	Wed 9/19/07	Wed 10/10/07																											
20 days	Tue 10/16/07	Mon 11/12/07																											

Duration	Start	Finish	July 2007												August 2007										Septemb		
			23	26	29	2	5	8	11	14	17	20	23	26	29	1	4	7	10	13	16	19	22	25	28	31	3
5 days	Tue 10/16/07	Mon 10/22/07																									
3 days	Fri 10/26/07	Tue 10/30/07																									
1 day	Tue 10/30/07	Tue 10/30/07																									
1 day	Wed 10/31/07	Wed 10/31/07																									
1 day	Fri 11/2/07	Fri 11/2/07																									
1 day	Mon 11/5/07	Mon 11/5/07																									
1 day	Tue 11/6/07	Tue 11/6/07																									
4 days	Wed 11/7/07	Mon 11/12/07																									
0 days	Mon 11/12/07	Mon 11/12/07																									
0 days	Thu 9/27/07	Thu 9/27/07																									
28 days	Mon 12/10/07	Wed 1/23/08																									
1 day	Mon 12/10/07	Mon 12/10/07																									
2 days	Tue 12/11/07	Wed 12/12/07																									
5 days	Thu 12/13/07	Wed 12/19/07																									
8 days	Thu 12/20/07	Fri 1/4/08																									
6 days	Mon 1/7/08	Mon 1/14/08																									
1 day	Wed 1/23/08	Wed 1/23/08																									
0 days	Wed 1/23/08	Wed 1/23/08																									
51 days	Tue 1/22/08	Tue 4/1/08																									
1 day	Tue 1/22/08	Tue 1/22/08																									
2 days	Wed 1/23/08	Thu 1/24/08																									
18 days	Fri 1/25/08	Tue 2/19/08																									
3 days	Wed 2/20/08	Fri 2/22/08																									
10 days	Mon 2/25/08	Fri 3/7/08																									
2 days	Tue 3/18/08	Wed 3/19/08																									
3 days	Thu 3/20/08	Mon 3/24/08																									
3 days	Tue 3/25/08	Thu 3/27/08																									
3 days	Fri 3/28/08	Tue 4/1/08																									
0 days	Tue 4/1/08	Tue 4/1/08																									
13 days	Thu 10/25/07	Mon 11/12/07																									
21 days	Mon 2/4/08	Tue 3/4/08																									
6 days	Mon 2/4/08	Mon 2/11/08																									
4 days	Tue 2/12/08	Fri 2/15/08																									
2 days	Mon 2/18/08	Tue 2/19/08																									
3 days	Wed 2/20/08	Fri 2/22/08																									
0 days	Tue 3/4/08	Tue 3/4/08																									
0 days	Tue 3/4/08	Tue 3/4/08																									
0 days	Tue 3/4/08	Tue 3/4/08																									
0 days	Tue 9/4/07	Tue 9/4/07																									
70 days	Tue 10/2/07	Tue 1/15/08																									
5 days	Tue 10/2/07	Mon 10/8/07																									
21 days	Tue 10/9/07	Tue 11/6/07																									

9/4 ◆

Duration	Start	Finish	July 2007												August 2007									Septemb			
			23	26	29	2	5	8	11	14	17	20	23	26	29	1	4	7	10	13	16	19	22	25	28	31	3
12 days	Tue 10/9/07	Wed 10/24/07																									
2 days	Thu 10/25/07	Fri 10/26/07																									
2 days	Mon 10/29/07	Tue 10/30/07																									
1 day	Wed 10/31/07	Wed 10/31/07																									
1 day	Thu 11/1/07	Thu 11/1/07																									
1 day	Fri 11/2/07	Fri 11/2/07																									
1 day	Mon 11/5/07	Mon 11/5/07																									
1 day	Mon 11/5/07	Mon 11/5/07																									
1 day	Tue 11/6/07	Tue 11/6/07																									
1 day	Tue 11/6/07	Tue 11/6/07																									
0 days	Tue 11/6/07	Tue 11/6/07																									
3 days	Wed 11/7/07	Fri 11/9/07																									
5 days	Mon 11/12/07	Fri 11/16/07																									
23 days	Mon 11/19/07	Fri 12/21/07																									
7 days	Mon 11/26/07	Tue 12/4/07																									
6 days	Mon 1/7/08	Tue 1/15/08																									
0 days	Tue 1/15/08	Tue 1/15/08																									
13 days	Mon 11/19/07	Fri 12/7/07																									
9 days	Mon 11/19/07	Mon 12/3/07																									
4 days	Mon 12/3/07	Fri 12/7/07																									
0 days	Mon 12/3/07	Mon 12/3/07																									
0 days	Mon 12/3/07	Mon 12/3/07																									
0 days	Mon 12/3/07	Mon 12/3/07																									
1 day	Fri 12/7/07	Fri 12/7/07																									
0 days	Fri 12/7/07	Fri 12/7/07																									
0 days	Fri 12/7/07	Fri 12/7/07																									
0 days	Fri 12/7/07	Fri 12/7/07																									
46 days	Fri 2/1/08	Fri 4/4/08																									
6 days	Fri 2/1/08	Fri 2/8/08																									
2 days	Wed 2/13/08	Thu 2/14/08																									
3 days	Fri 2/15/08	Tue 2/19/08																									
18 days	Wed 2/20/08	Fri 3/21/08																									
15 days	Mon 2/25/08	Fri 3/14/08																									
5 days	Mon 3/24/08	Fri 3/28/08																									
5 days	Mon 3/31/08	Fri 4/4/08																									
0 days	Fri 4/4/08	Fri 4/4/08																									
80 days	Mon 1/7/08	Mon 4/28/08																									
68 days	Mon 1/7/08	Thu 4/10/08																									

Duration	Start	Finish	July 2007												August 2007										Septemb		
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2 days	Mon 1/7/08	Tue 1/8/08																									
4 days	Thu 1/24/08	Tue 1/29/08																									
8 days	Mon 2/4/08	Wed 2/13/08																									
2 days	Mon 3/24/08	Tue 3/25/08																									
3 days	Tue 4/8/08	Thu 4/10/08																									
2 days	Wed 4/2/08	Thu 4/3/08																									
73 days	Wed 1/9/08	Mon 4/21/08																									
1 day	Wed 1/9/08	Wed 1/9/08																									
1 day	Thu 1/10/08	Thu 1/10/08																									
1 day	Fri 1/11/08	Fri 1/11/08																									
8 days	Wed 1/30/08	Fri 2/8/08																									
1 day	Mon 2/11/08	Mon 2/11/08																									
7 days	Fri 4/11/08	Mon 4/21/08																									
5 days	Tue 4/22/08	Mon 4/28/08																									
5 days	Mon 1/7/08	Fri 1/11/08																									
1 day	Mon 1/14/08	Mon 1/14/08																									
0 days	Mon 4/28/08	Mon 4/28/08																									
94 days	Wed 9/5/07	Wed 1/23/08																									
1 day	Wed 9/5/07	Wed 9/5/07																									
1 day	Tue 10/9/07	Tue 10/9/07																									
20 days	Tue 11/6/07	Mon 12/3/07																									
8 days	Wed 12/12/07	Fri 12/21/07																									
10 days	Mon 1/7/08	Wed 1/23/08																									
0 days	Wed 1/23/08	Wed 1/23/08																									
23 days	Wed 11/7/07	Tue 12/11/07																									
5 days	Wed 11/7/07	Tue 11/13/07																									
6 days	Wed 11/21/07	Fri 11/30/07																									
5 days	Mon 12/3/07	Fri 12/7/07																									
2 days	Mon 12/10/07	Tue 12/11/07																									
137 days	Wed 9/19/07	Mon 4/7/08																									
66 days	Wed 9/19/07	Fri 12/21/07																									
1 day	Wed 9/19/07	Wed 9/19/07																									
1 day	Thu 9/20/07	Thu 9/20/07																									
1 day	Fri 9/21/07	Fri 9/21/07																									
5 days	Mon 9/24/07	Fri 9/28/07																									
5 days	Wed 10/24/07	Tue 10/30/07																									
8 days	Wed 12/12/07	Fri 12/21/07																									
0 days	Fri 12/21/07	Fri 12/21/07																									
19 days	Mon 9/24/07	Thu 10/18/07																									
10 days	Mon 9/24/07	Fri 10/5/07																									
5 days	Mon 10/8/07	Fri 10/12/07																									
1 day	Mon 10/15/07	Mon 10/15/07																									

Duration	Start	Finish	July 2007												August 2007												Septemb		
			23	26	29	2	5	8	11	14	17	20	23	26	29	1	4	7	10	13	16	19	22	25	28	31	3		
1 day	Tue 10/16/07	Tue 10/16/07																											
1 day	Wed 10/17/07	Wed 10/17/07																											
1 day	Thu 10/18/07	Thu 10/18/07																											
0 days	Thu 10/18/07	Thu 10/18/07																											
13 days	Fri 10/19/07	Tue 11/6/07																											
1 day	Fri 10/19/07	Fri 10/19/07																											
6 days	Mon 10/22/07	Mon 10/29/07																											
6 days	Tue 10/30/07	Tue 11/6/07																											
0 days	Tue 11/6/07	Tue 11/6/07																											
2 days	Wed 12/26/07	Thu 12/27/07																											
4 days	Fri 12/28/07	Fri 1/4/08																											
5 days	Wed 11/7/07	Tue 11/13/07																											
0 days	Fri 1/4/08	Fri 1/4/08																											
2 days	Thu 1/3/08	Fri 1/4/08																											
18 days	Mon 1/7/08	Mon 2/4/08																											
10 days	Fri 1/18/08	Fri 2/1/08																											
2 days	Wed 2/13/08	Thu 2/14/08																											
2 days	Fri 4/4/08	Mon 4/7/08																											
2 days	Fri 4/4/08	Mon 4/7/08																											
0 days	Mon 4/7/08	Mon 4/7/08																											
3 days	Tue 9/11/07	Fri 9/14/07																											
3 days	Tue 9/11/07	Fri 9/14/07																											
1 day	Tue 9/11/07	Tue 9/11/07																											
1 day	Wed 9/12/07	Wed 9/12/07																											
1 day	Thu 9/13/07	Thu 9/13/07																											
0 days	Fri 9/14/07	Fri 9/14/07																											
0 days	Mon 4/28/08	Mon 4/28/08																											
108 days	Mon 8/13/07	Tue 1/22/08																											
5 days	Mon 8/13/07	Fri 8/17/07																											
0 days	Tue 1/22/08	Tue 1/22/08																											
0 days	Mon 4/28/08	Mon 4/28/08																											
190 days	Sun 7/1/07	Thu 4/3/08																											
9 days	Sun 7/1/07	Fri 7/13/07																											
0 days	Sun 7/1/07	Sun 7/1/07																											
0.5 days	Tue 7/3/07	Tue 7/3/07																											
6 days	Tue 7/3/07	Thu 7/12/07																											
1 day	Fri 7/13/07	Fri 7/13/07																											
0 days	Fri 7/13/07	Fri 7/13/07																											
1 day	Fri 8/24/07	Fri 8/24/07																											
151 days	Mon 8/27/07	Thu 4/3/08																											
9 days	Mon 8/27/07	Fri 9/7/07																											
3 days	Mon 8/27/07	Wed 8/29/07																											

GG Clarify D0 certificate approval process

7/1 INPUT: Attempt to run D0 Primary Production on FermiGrid

MD OSG/Fermigrid Resource Selection Meeting

MD Config D0Production role: Fermigrid, GUMS, CAB, PBS, etc.

MD Run D0 Primary Prod via D0Production role

7/13 MILE 1: D0 Primary Production Runnable on Fermigrid

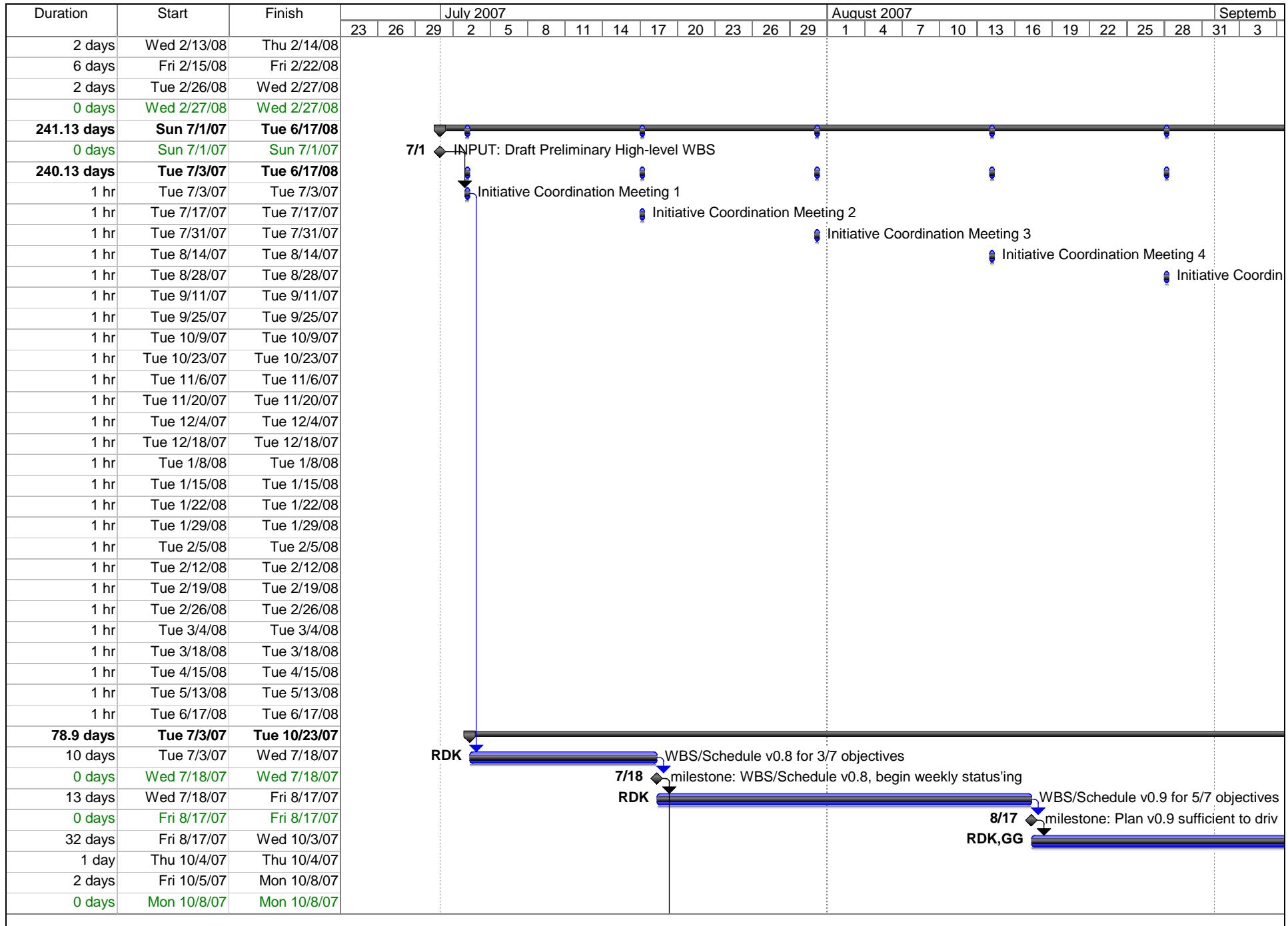
DOPPF Commissioning

MD Fix d0srv065

Duration	Start	Finish	July 2007												August 2007								September				
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3 days	Thu 8/30/07	Tue 9/4/07																							MD	R	
3 days	Wed 9/5/07	Fri 9/7/07																							MD		9/
0 days	Fri 9/7/07	Fri 9/7/07																									
132 days	Mon 8/27/07	Fri 3/7/08																									
1 day	Mon 8/27/07	Mon 8/27/07																									
5 days	Thu 9/27/07	Wed 10/3/07																									
3 days	Wed 12/12/07	Fri 12/14/07																									
2.5 days	Tue 12/18/07	Thu 12/20/07																									
5 days	Thu 1/17/08	Thu 1/24/08																									
1 day	Fri 3/7/08	Fri 3/7/08																									
20 days	Tue 10/30/07	Wed 11/28/07																									
0 days	Thu 1/24/08	Thu 1/24/08																									
49 days	Mon 1/7/08	Fri 3/14/08																									
18 days	Mon 1/7/08	Thu 1/31/08																									
16 days	Fri 2/1/08	Fri 2/22/08																									
4 days	Tue 2/26/08	Fri 2/29/08																									
10 days	Mon 3/3/08	Fri 3/14/08																									
0 days	Fri 3/14/08	Fri 3/14/08																									
104 days	Thu 11/1/07	Thu 4/3/08																									
44 days	Tue 1/22/08	Fri 3/28/08																									
44 days	Tue 1/22/08	Fri 3/28/08																									
28 days	Thu 11/1/07	Wed 12/12/07																									
13 days	Mon 1/7/08	Mon 1/28/08																									
4 days	Fri 2/8/08	Wed 2/13/08																									
3 days	Fri 2/15/08	Tue 2/19/08																									
5 days	Mon 3/24/08	Fri 3/28/08																									
4 days	Mon 3/31/08	Thu 4/3/08																									
0 days	Thu 4/3/08	Thu 4/3/08																									
142 days	Wed 9/5/07	Tue 4/1/08																									
0 days	Tue 4/1/08	Tue 4/1/08																									
0 days	Tue 4/1/08	Tue 4/1/08																									
0 days	Wed 9/5/07	Wed 9/5/07																									
0 days	Wed 9/5/07	Wed 9/5/07																									
0 days	Wed 1/23/08	Wed 1/23/08																									
0 days	Tue 10/9/07	Tue 10/9/07																									
0 days	Tue 4/1/08	Tue 4/1/08																									
1 day	Mon 2/11/08	Mon 2/11/08																									
0 days	Thu 4/3/08	Thu 4/3/08																									
83 days	Wed 8/15/07	Wed 12/12/07																									
5 days	Wed 8/15/07	Tue 8/21/07																									
5 days	Wed 8/15/07	Tue 8/21/07																									
20 days	Tue 11/13/07	Wed 12/12/07																									

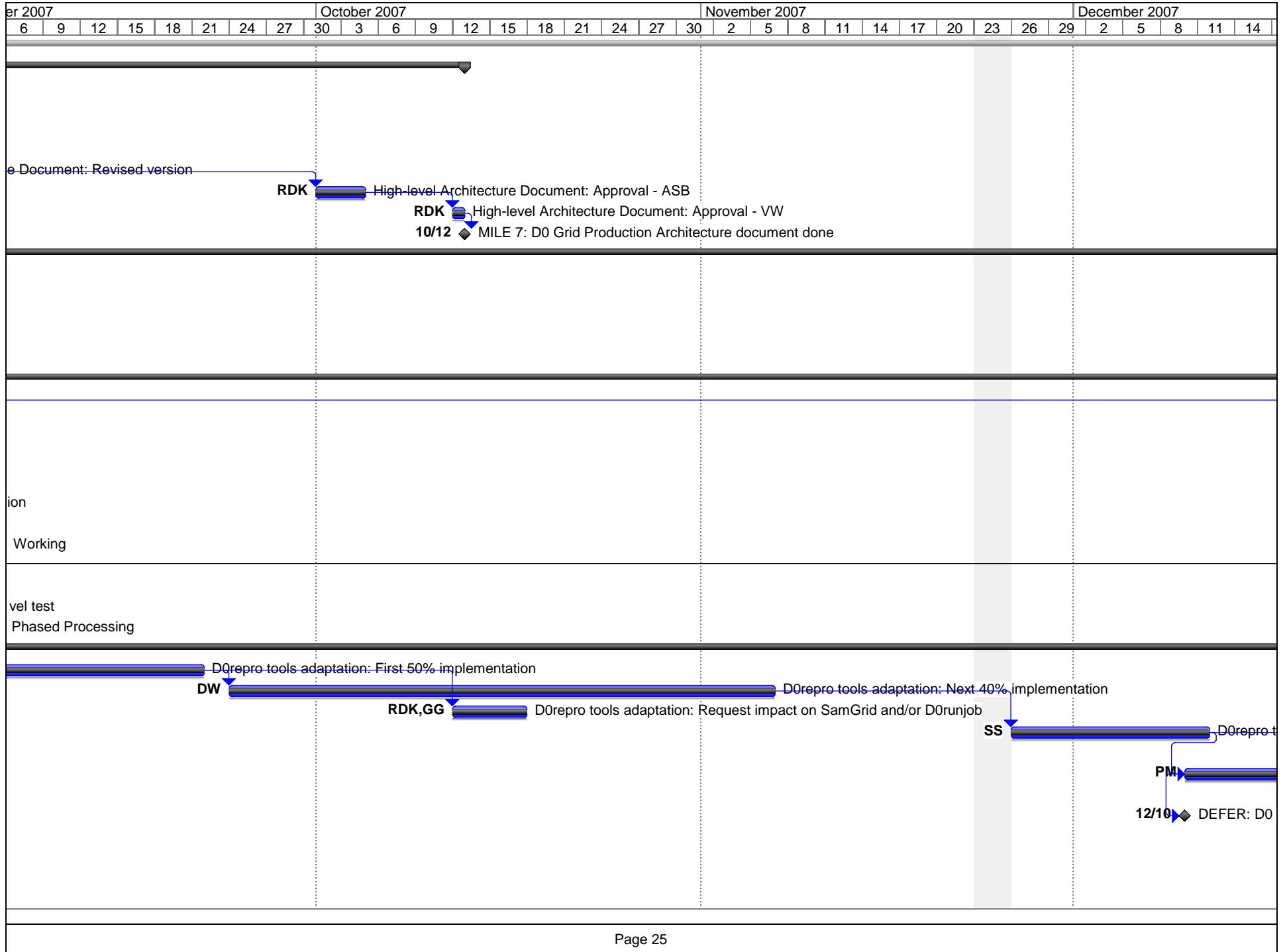
AB2 Forwarding Node Behind Fire

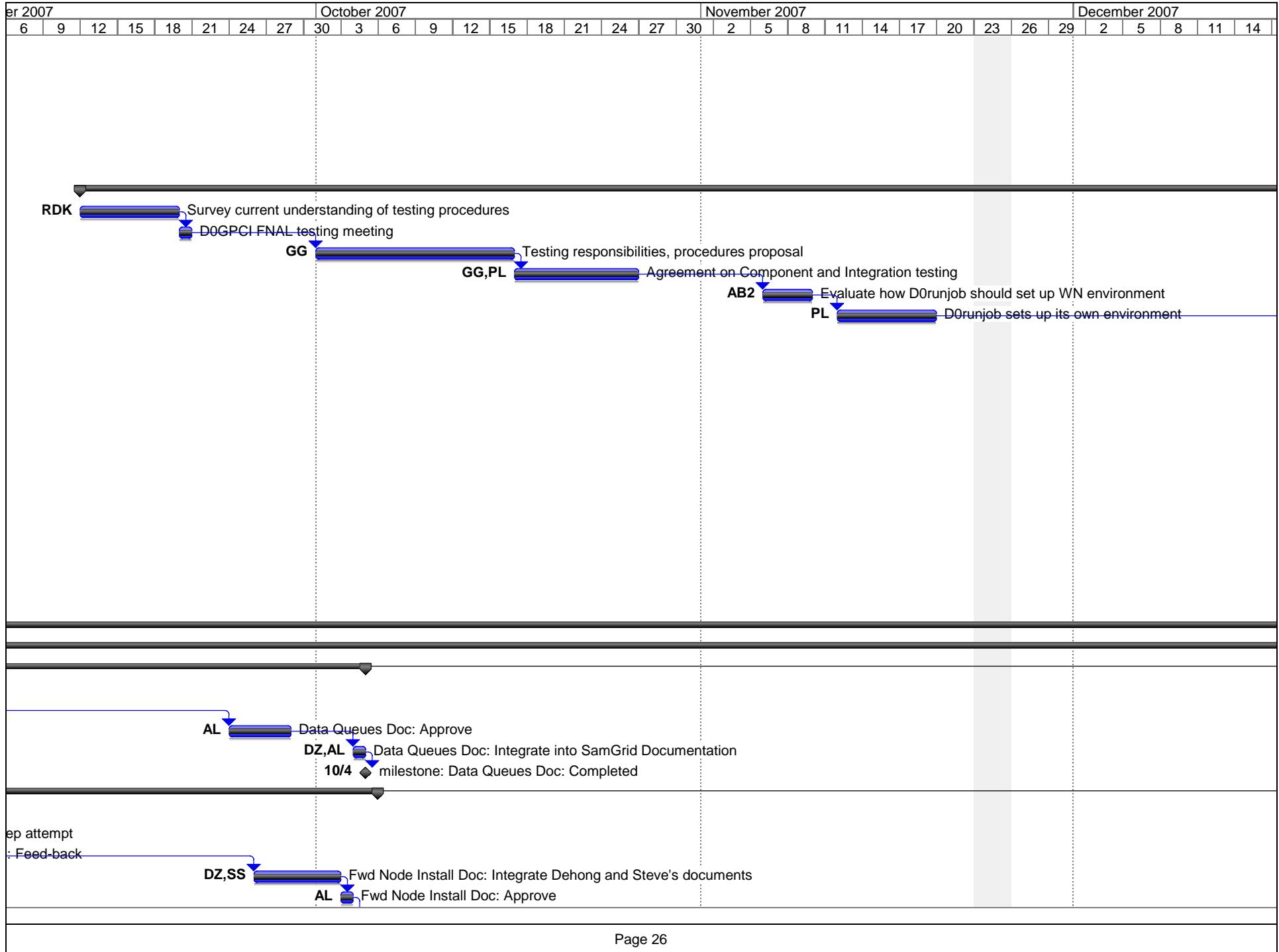
Duration	Start	Finish	July 2007												August 2007										Septemb			
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20 days	Tue 11/13/07	Wed 12/12/07																										
0 days	Wed 12/12/07	Wed 12/12/07																										
97 days	Tue 10/23/07	Fri 3/14/08																										
0 days	Tue 3/4/08	Tue 3/4/08																										
0 days	Tue 3/4/08	Tue 3/4/08																										
0 days	Tue 3/4/08	Tue 3/4/08																										
0 days	Tue 3/4/08	Tue 3/4/08																										
97 days	Tue 10/23/07	Fri 3/14/08																										
0 days	Tue 3/4/08	Tue 3/4/08																										
2 days	Tue 10/23/07	Wed 10/24/07																										
85 days	Thu 10/25/07	Fri 3/14/08																										
95 days	Thu 10/25/07	Fri 3/14/08																										
11 days	Tue 2/19/08	Tue 3/4/08																										
0 days	Tue 3/4/08	Tue 3/4/08																										
85 days	Tue 10/23/07	Wed 2/27/08																										
0 days	Wed 2/27/08	Wed 2/27/08																										
0 days	Wed 2/27/08	Wed 2/27/08																										
0 days	Wed 2/27/08	Wed 2/27/08																										
0 days	Wed 2/27/08	Wed 2/27/08																										
0 days	Wed 2/27/08	Wed 2/27/08																										
85 days	Tue 10/23/07	Wed 2/27/08																										
0 days	Wed 2/27/08	Wed 2/27/08																										
9 days	Tue 10/23/07	Fri 11/2/07																										
9 days	Tue 10/23/07	Fri 11/2/07																										
0 days	Wed 2/27/08	Wed 2/27/08																										
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85 days	Tue 10/23/07	Wed 2/27/08																										
9 days	Tue 10/23/07	Fri 11/2/07																										
2 days	Fri 2/15/08	Mon 2/18/08																										
2 days	Fri 2/15/08	Mon 2/18/08																										
2 days	Thu 2/21/08	Fri 2/22/08																										
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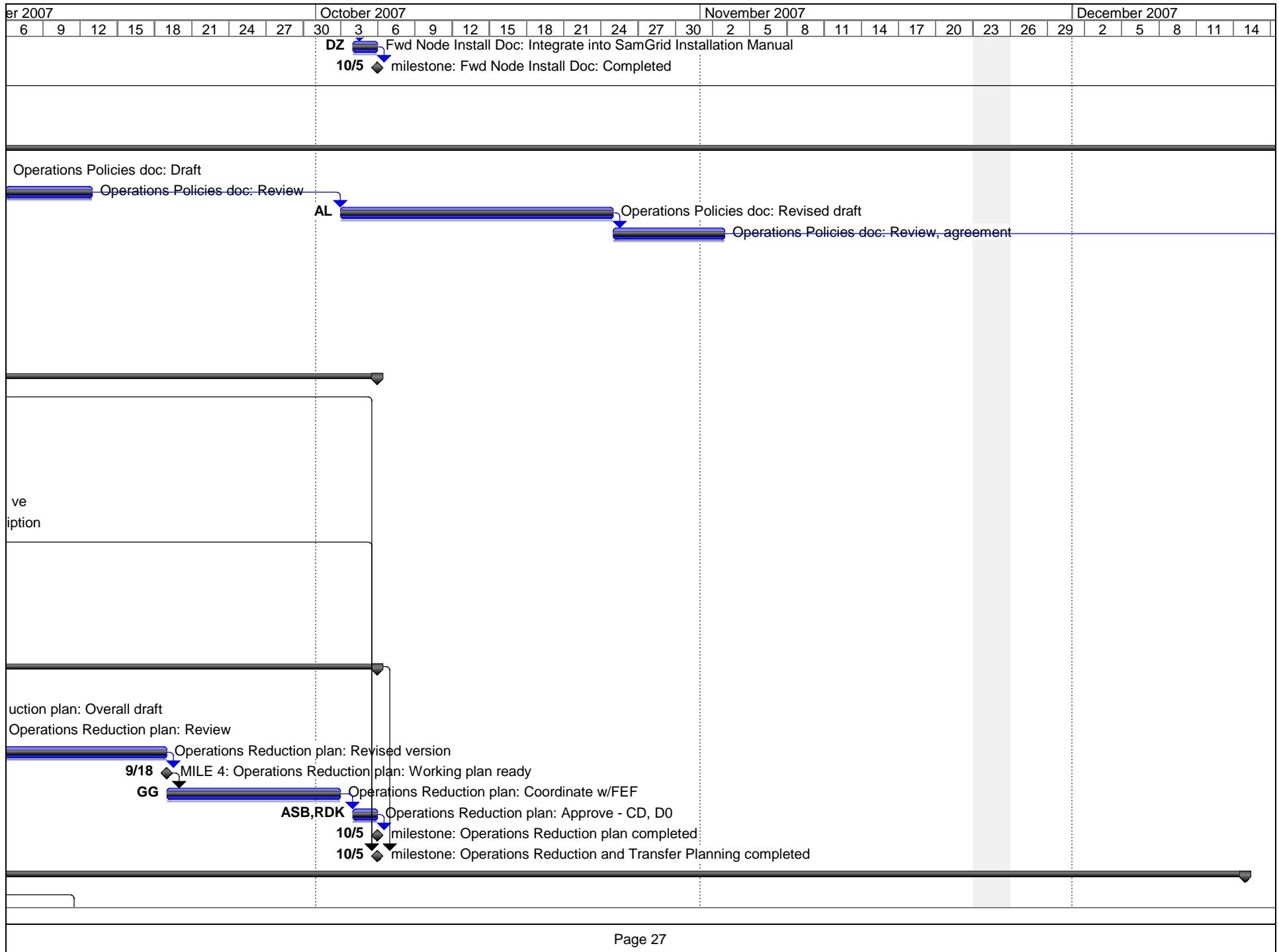


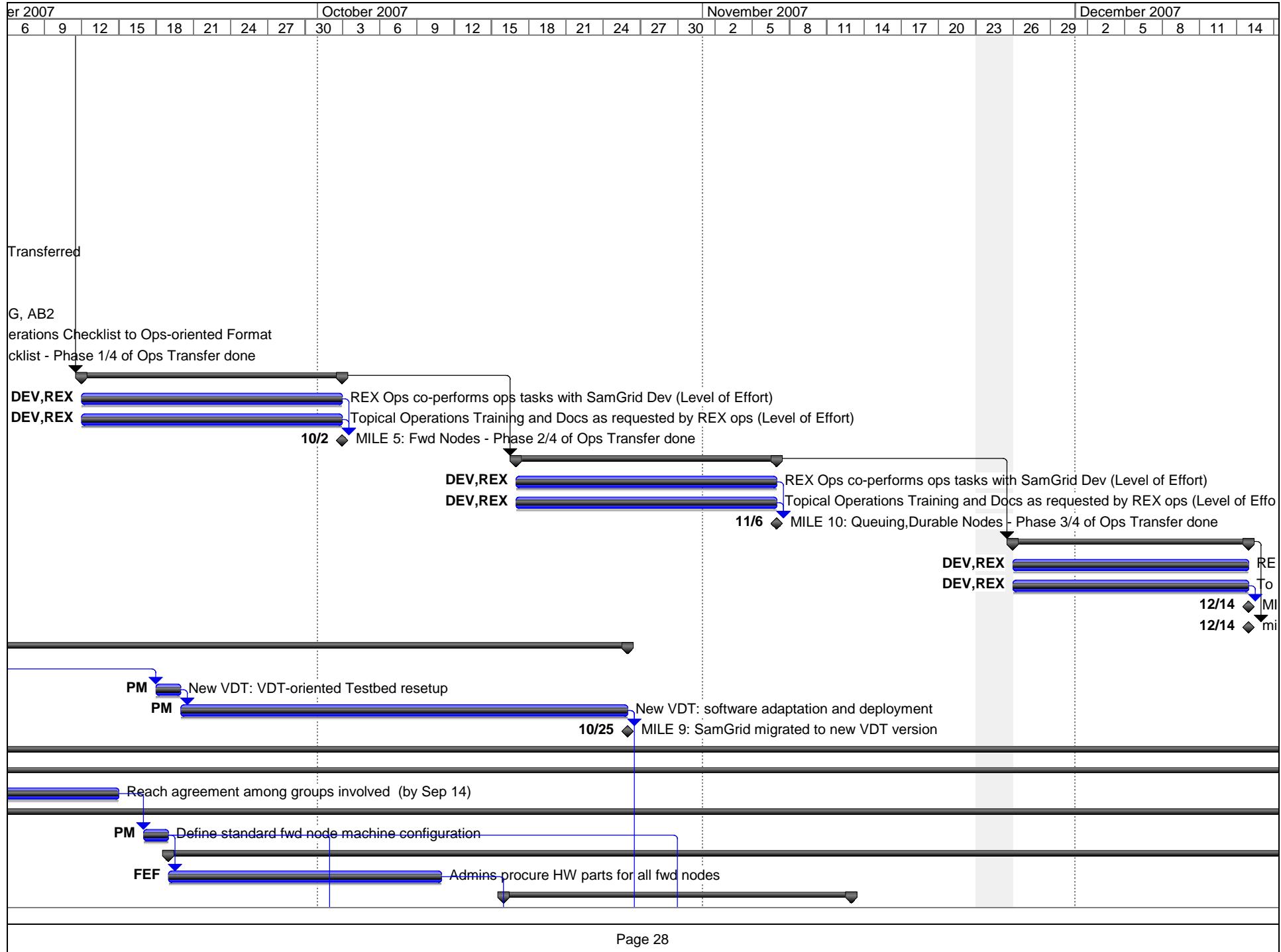
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4 days	Tue 10/9/07	Fri 10/12/07																									
2 days	Mon 10/15/07	Tue 10/16/07																									
2 days	Wed 10/17/07	Thu 10/18/07																									
0 days	Tue 10/23/07	Tue 10/23/07																									
156.9 days	Wed 7/18/07	Tue 3/4/08																									
48 days	Wed 7/18/07	Mon 10/8/07																									
89 days	Tue 10/9/07	Tue 3/4/08																									
17 days	Mon 3/31/08	Tue 4/22/08																									
4 days	Mon 3/31/08	Thu 4/3/08																									
2 days	Fri 4/4/08	Mon 4/7/08																									
1 day	Tue 4/8/08	Tue 4/8/08																									
5 days	Wed 4/9/08	Tue 4/15/08																									
3 days	Wed 4/16/08	Fri 4/18/08																									
2 days	Mon 4/21/08	Tue 4/22/08																									
0 days	Tue 4/22/08	Tue 4/22/08																									
0 days	Mon 5/5/08	Mon 5/5/08																									

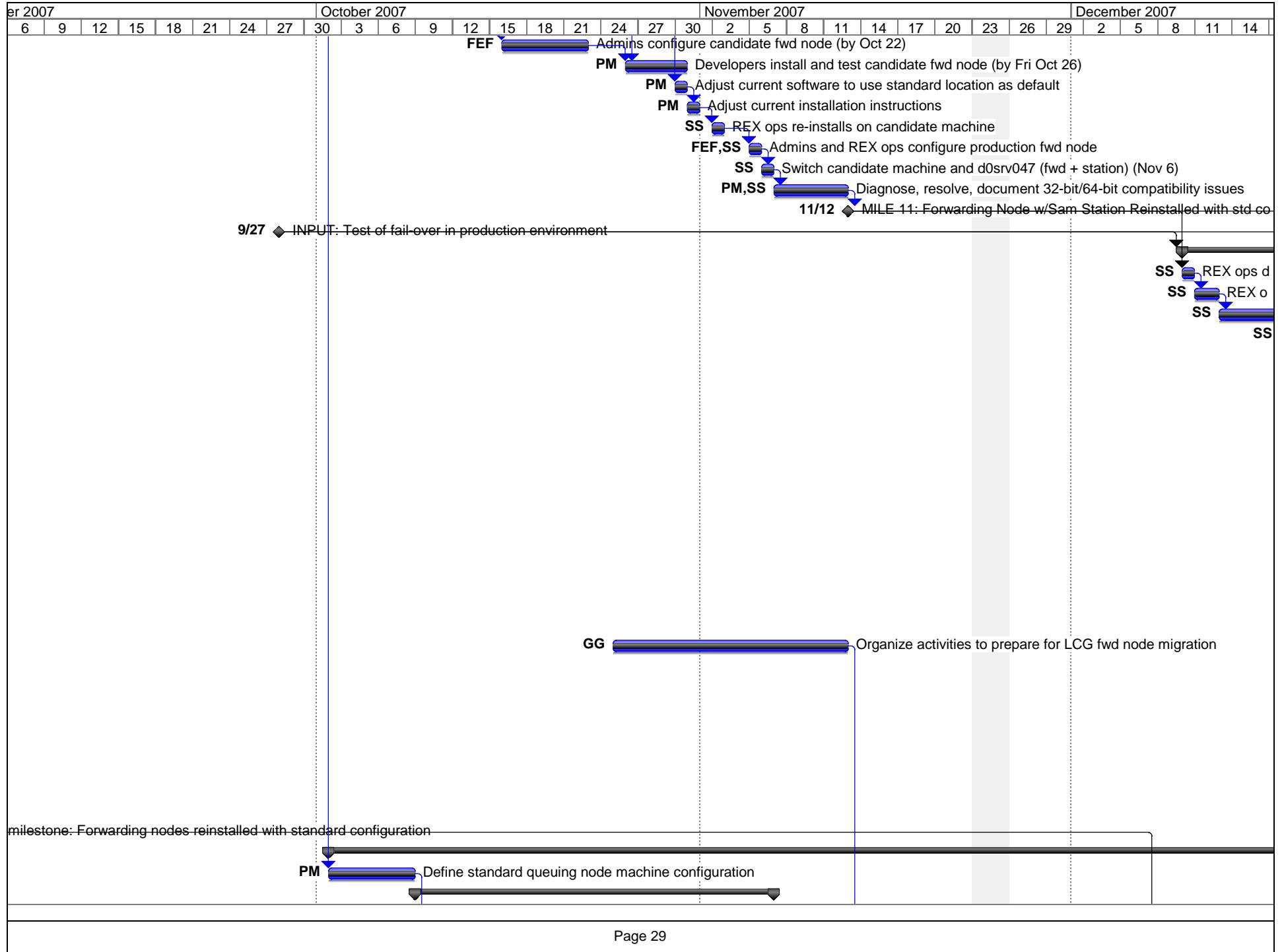
RDK

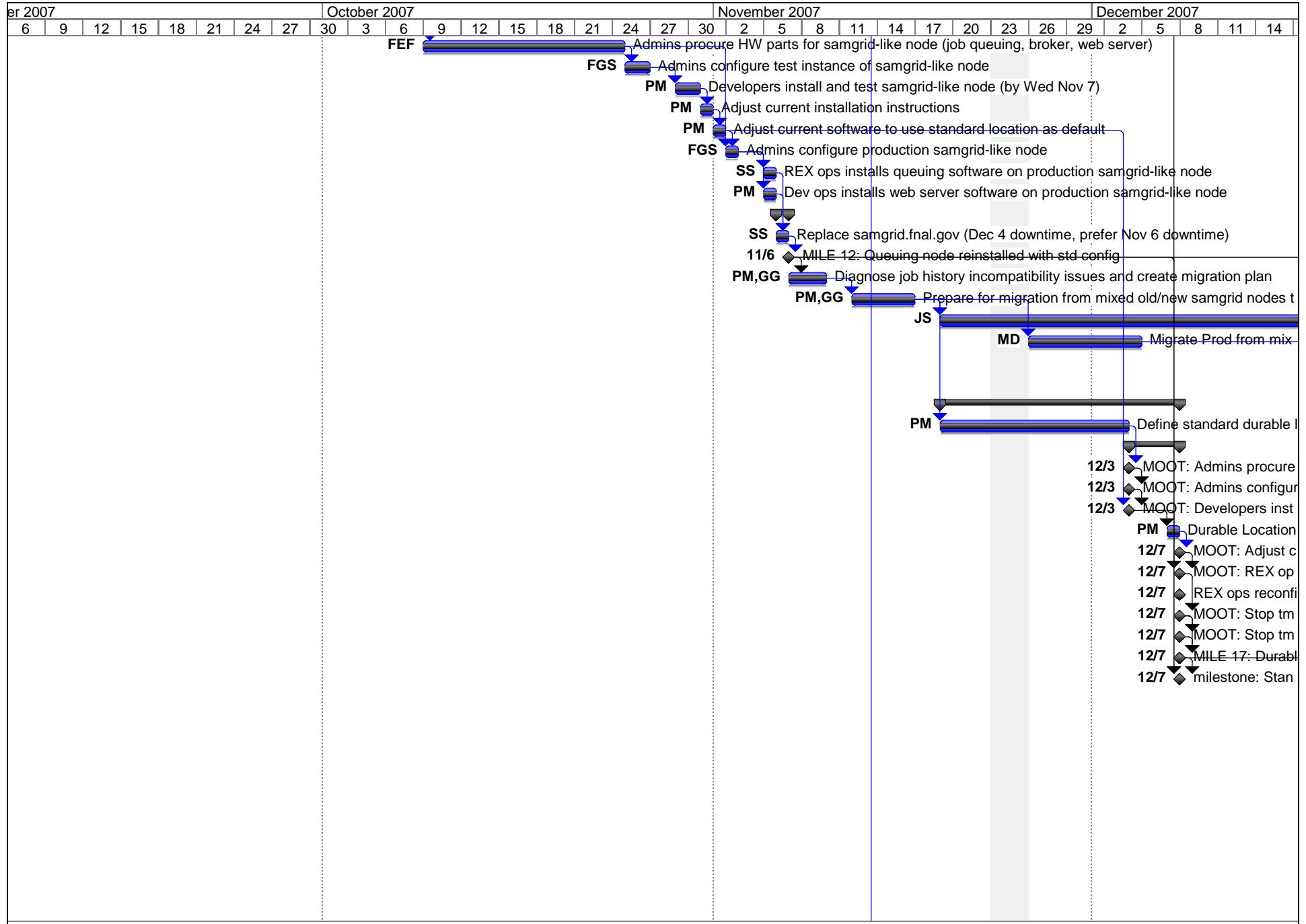


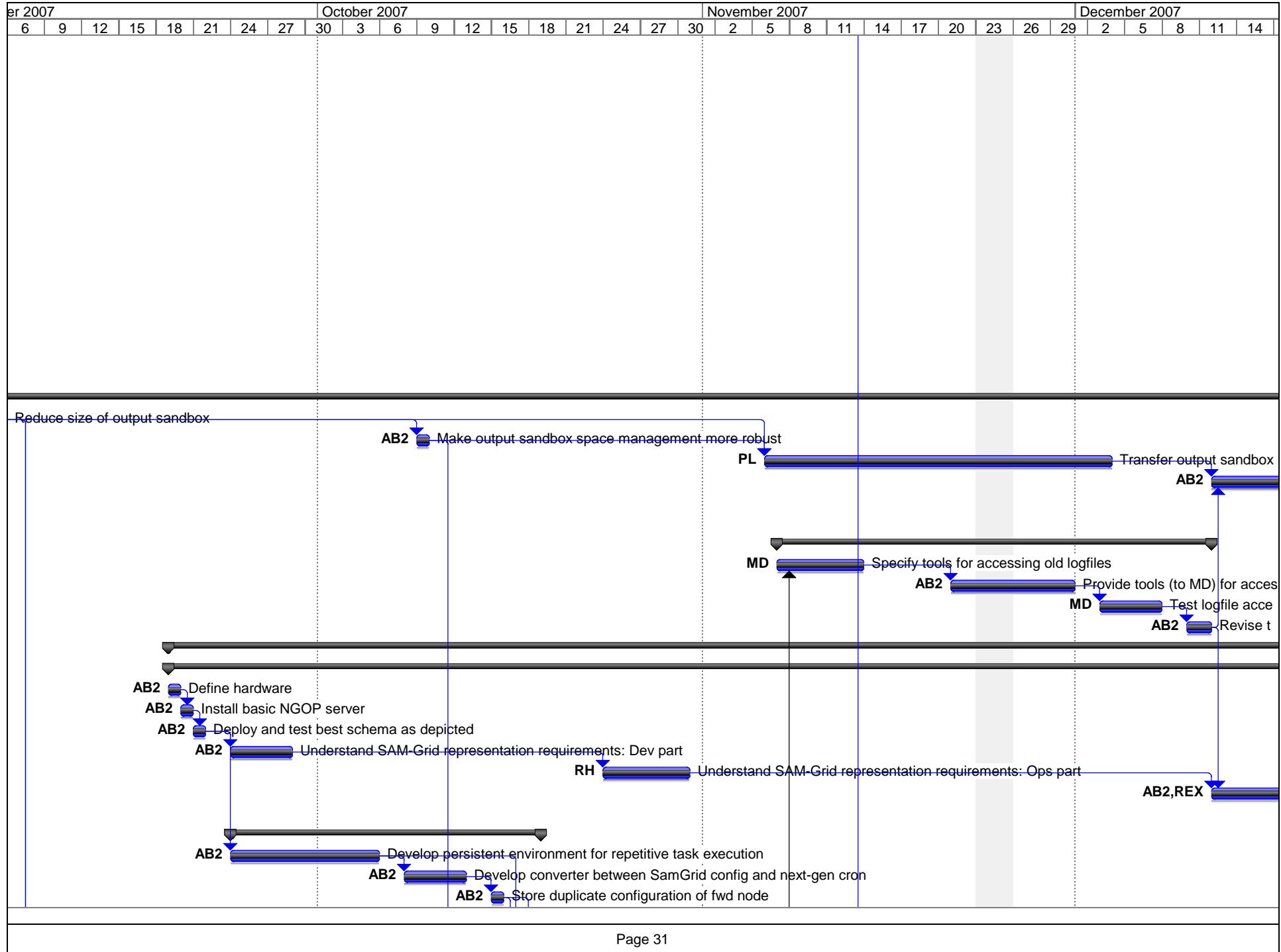


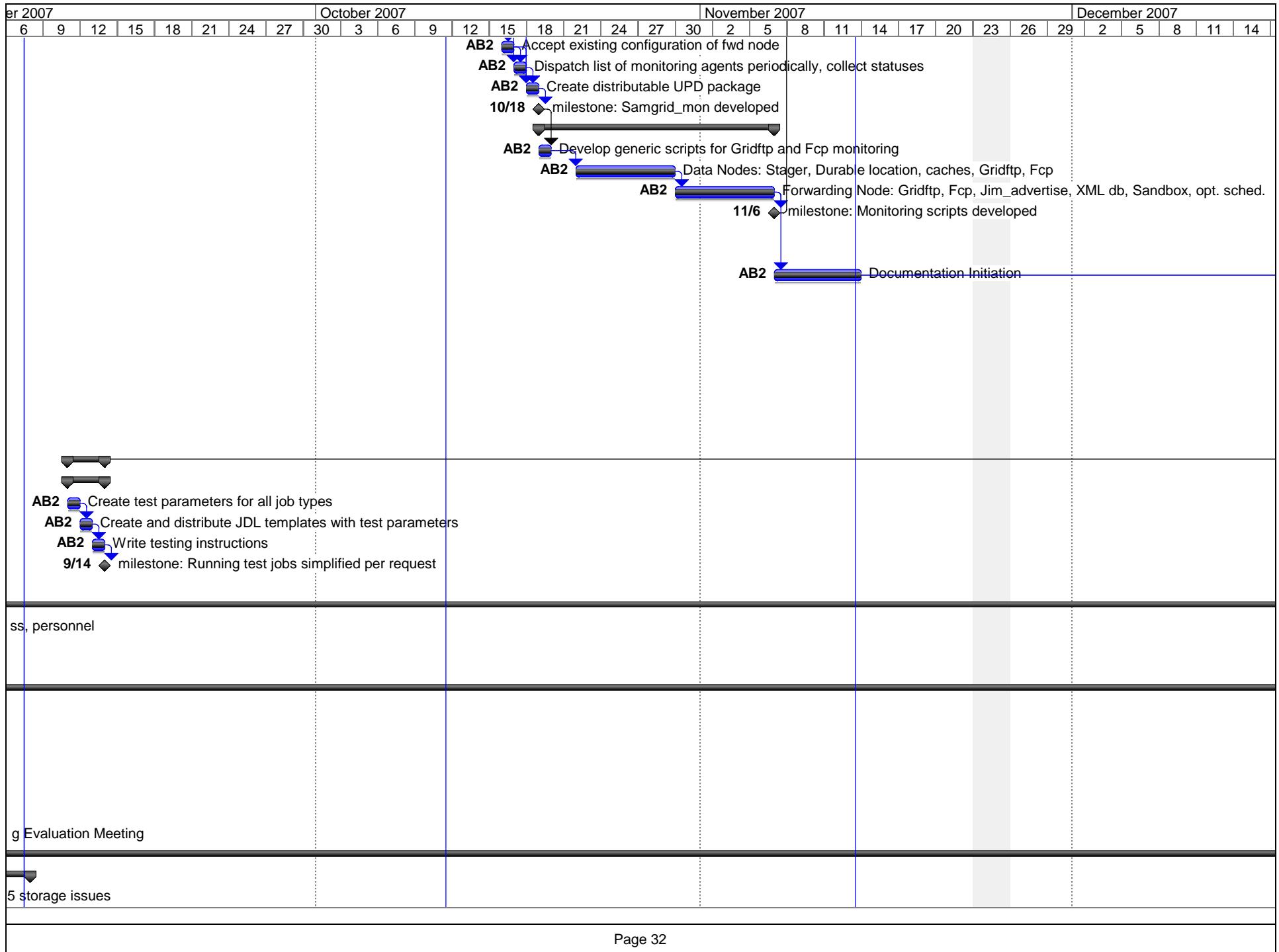


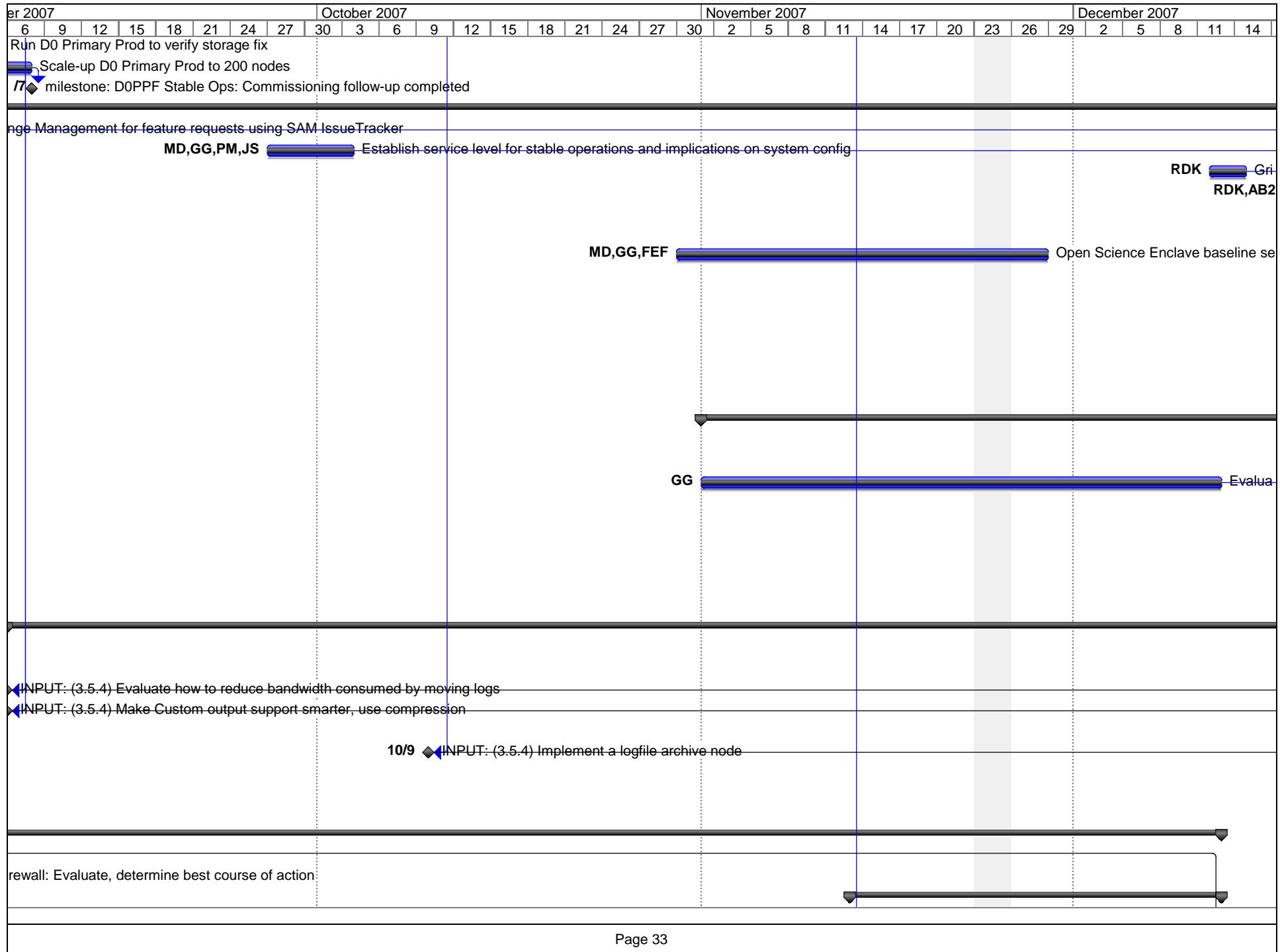


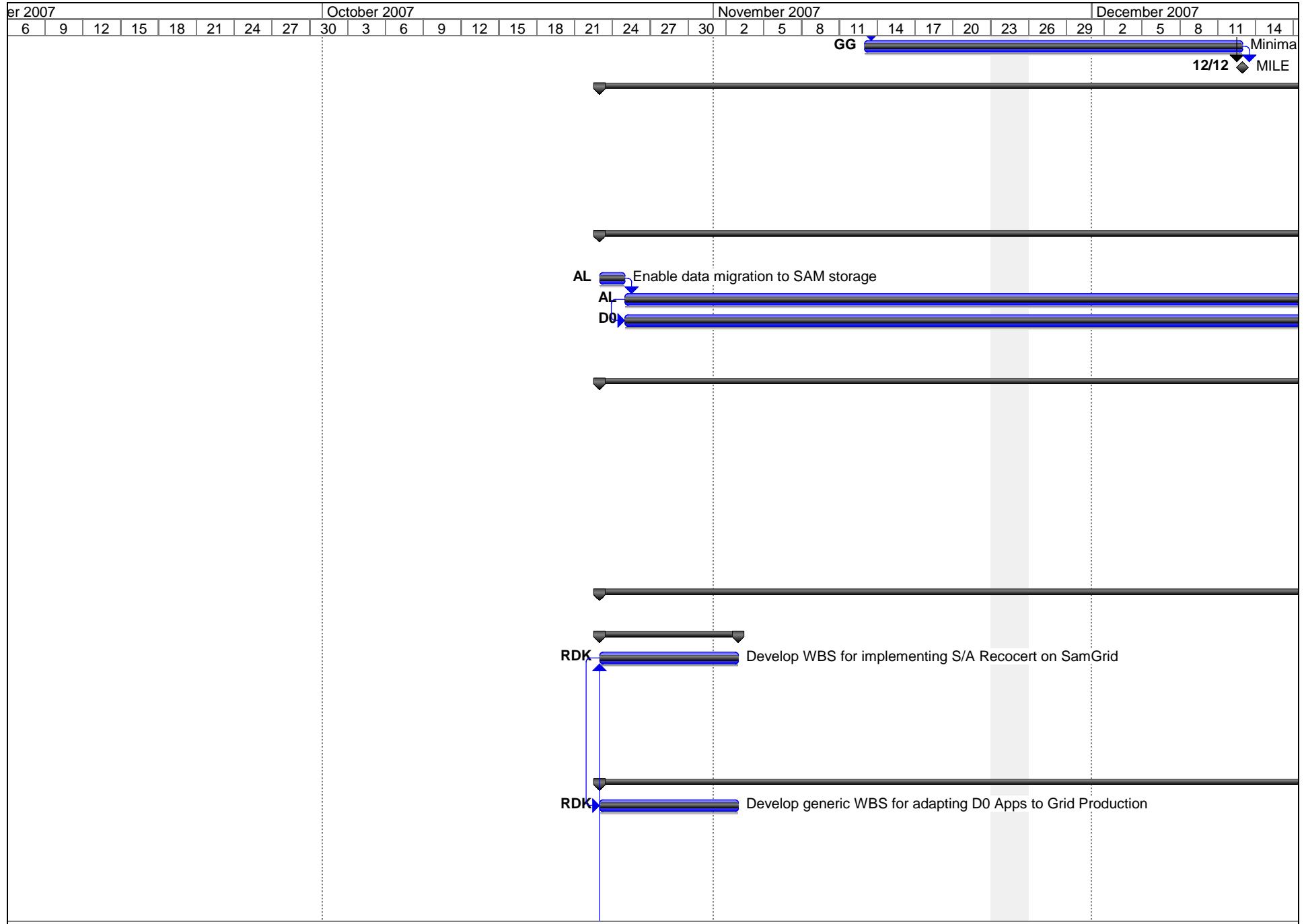


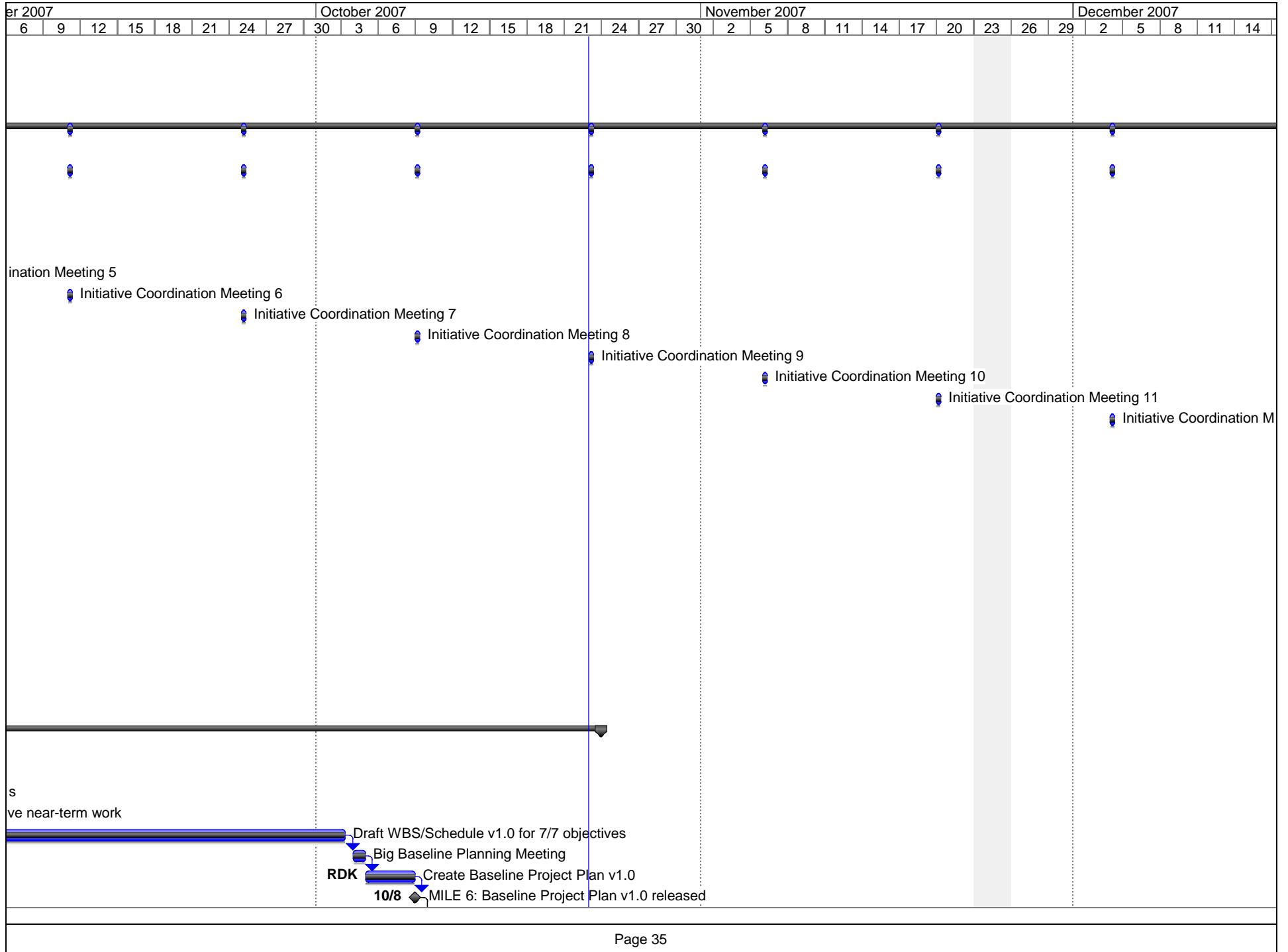


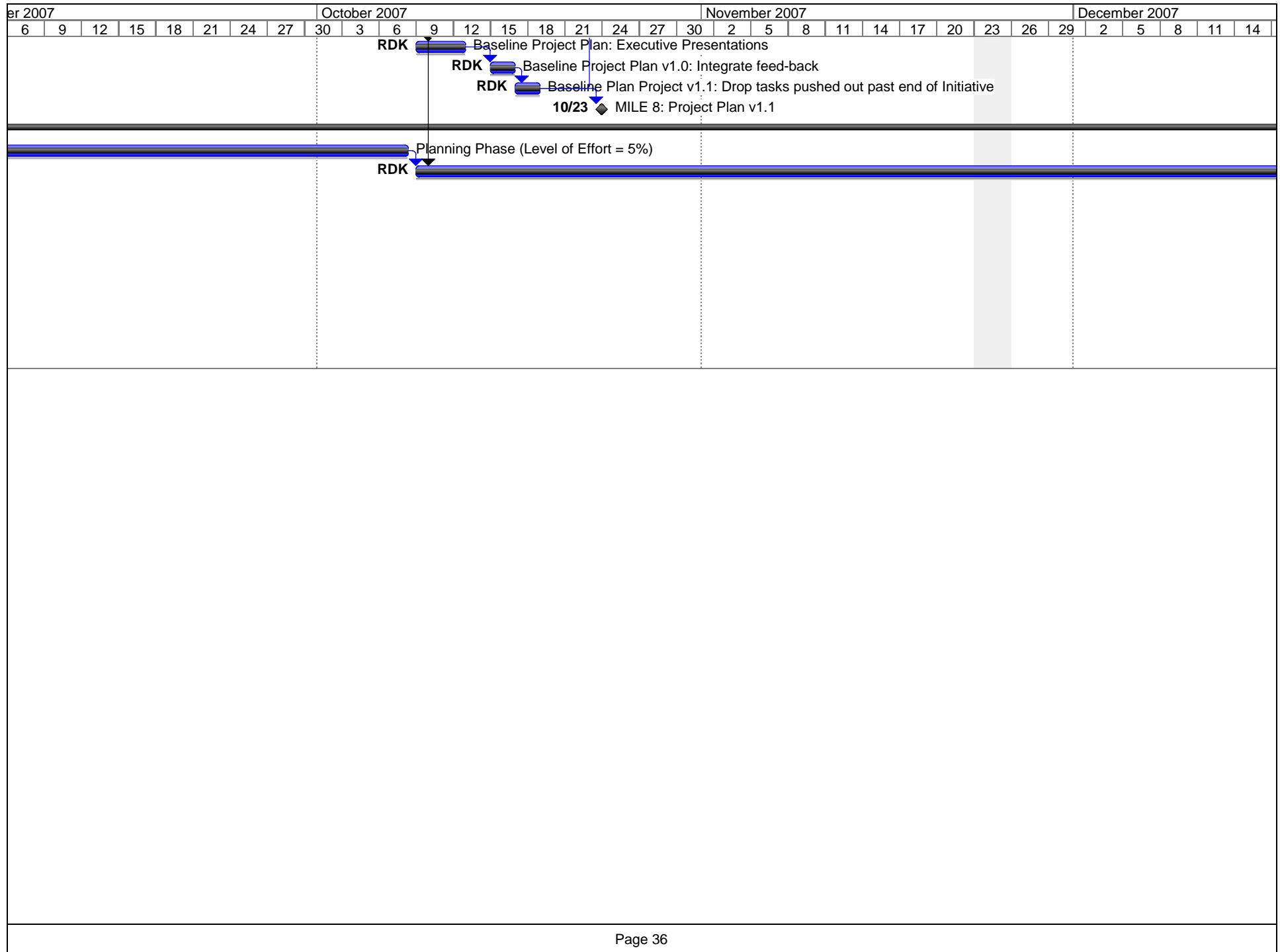


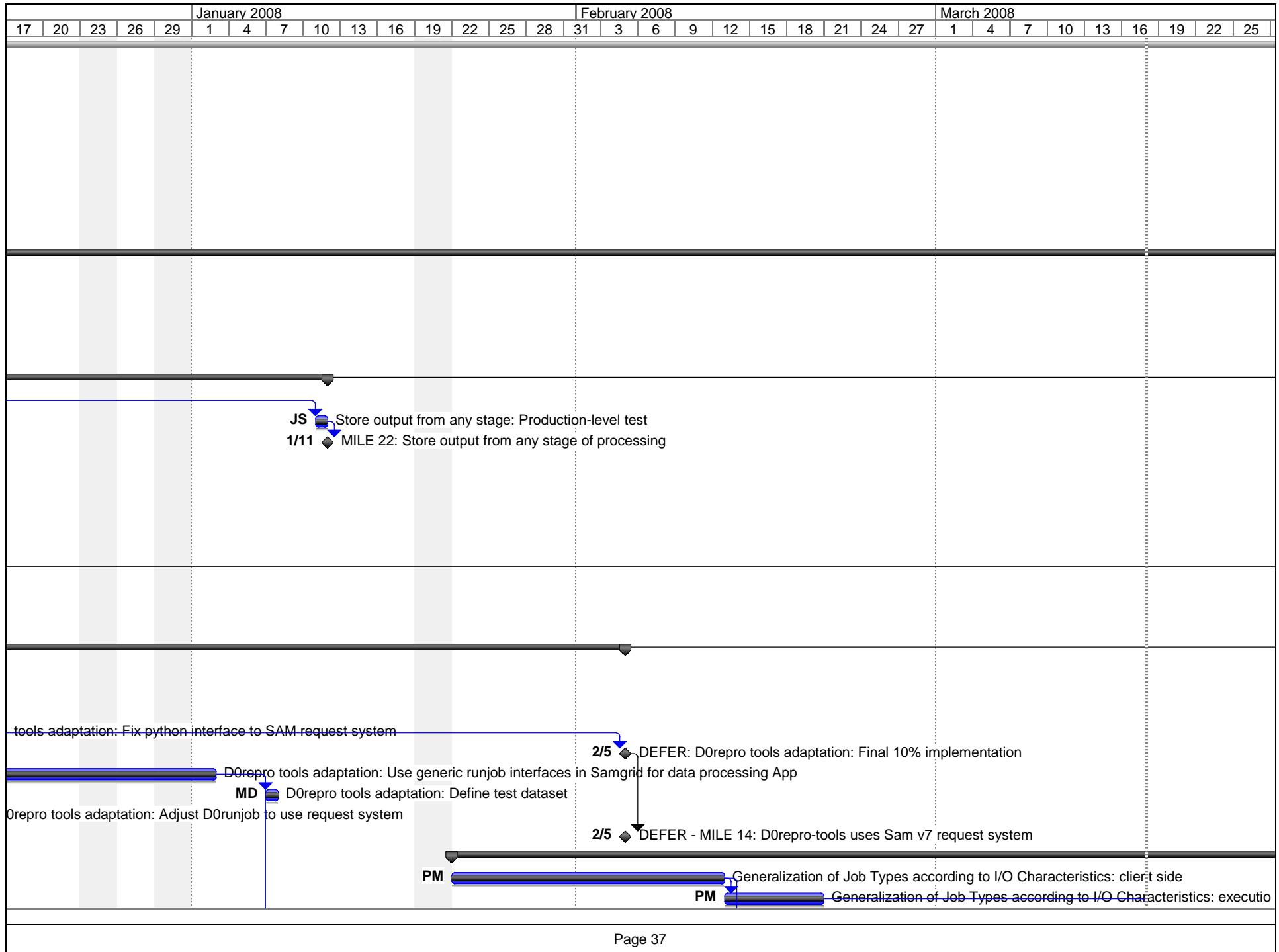


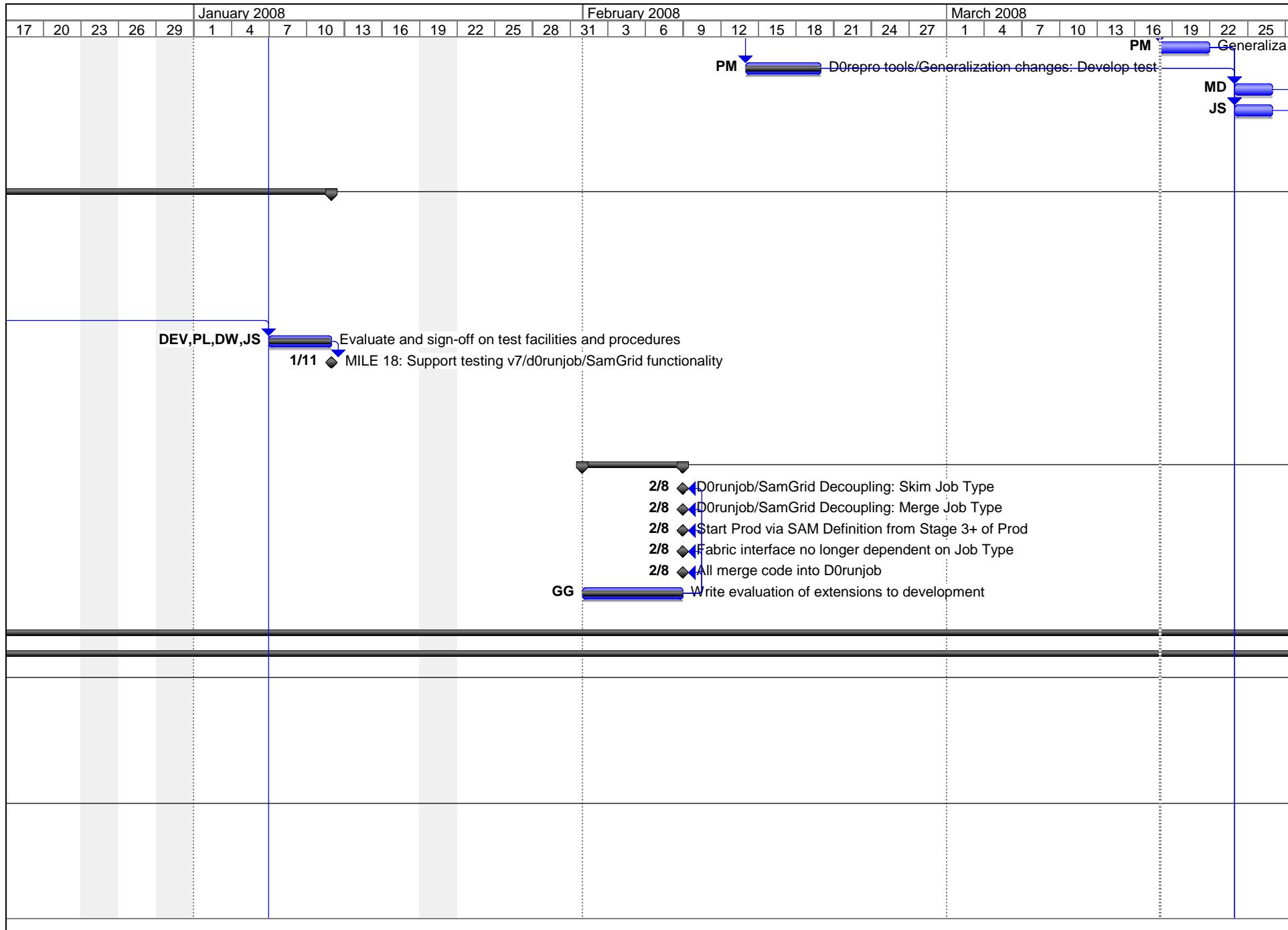






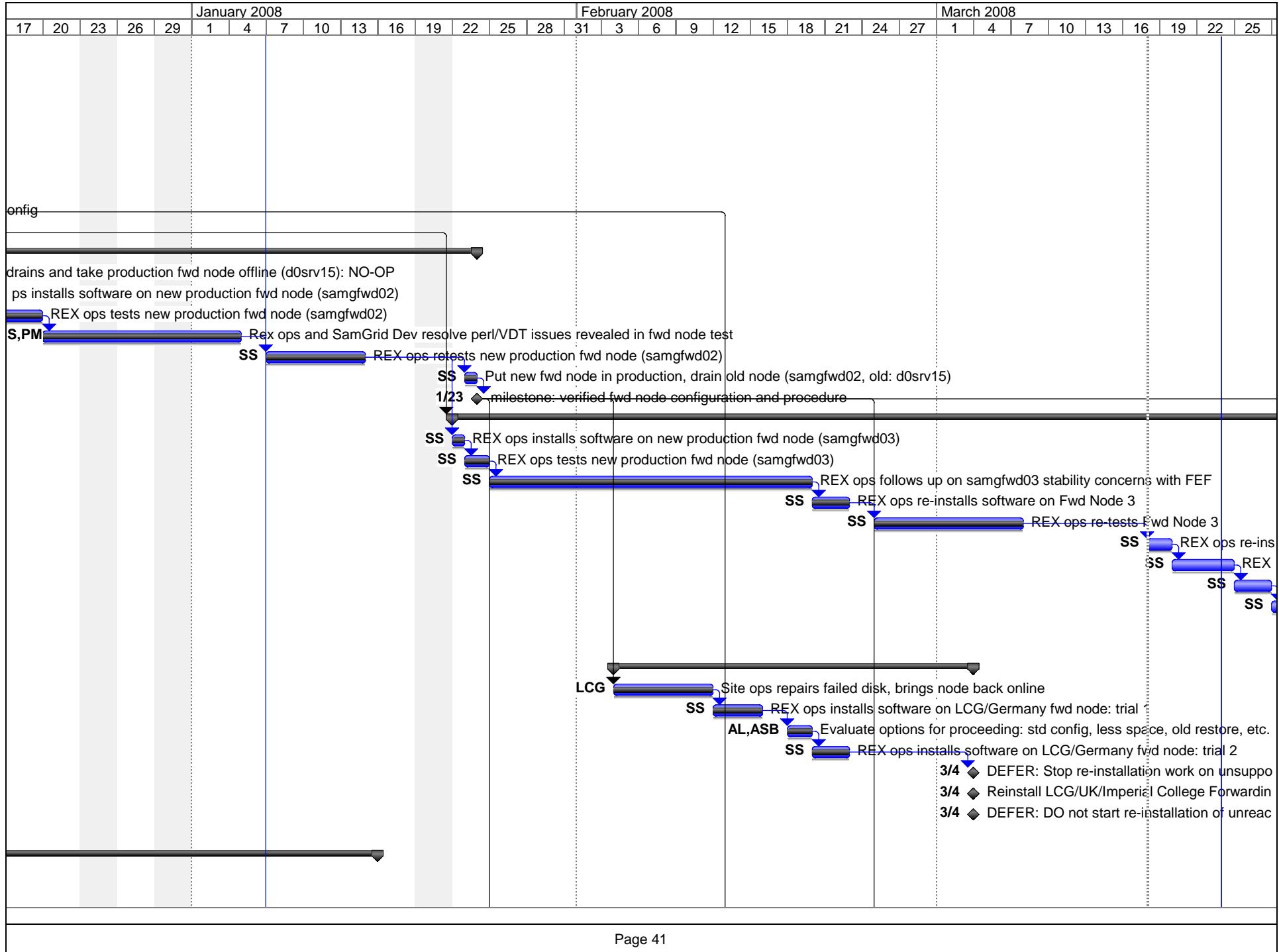


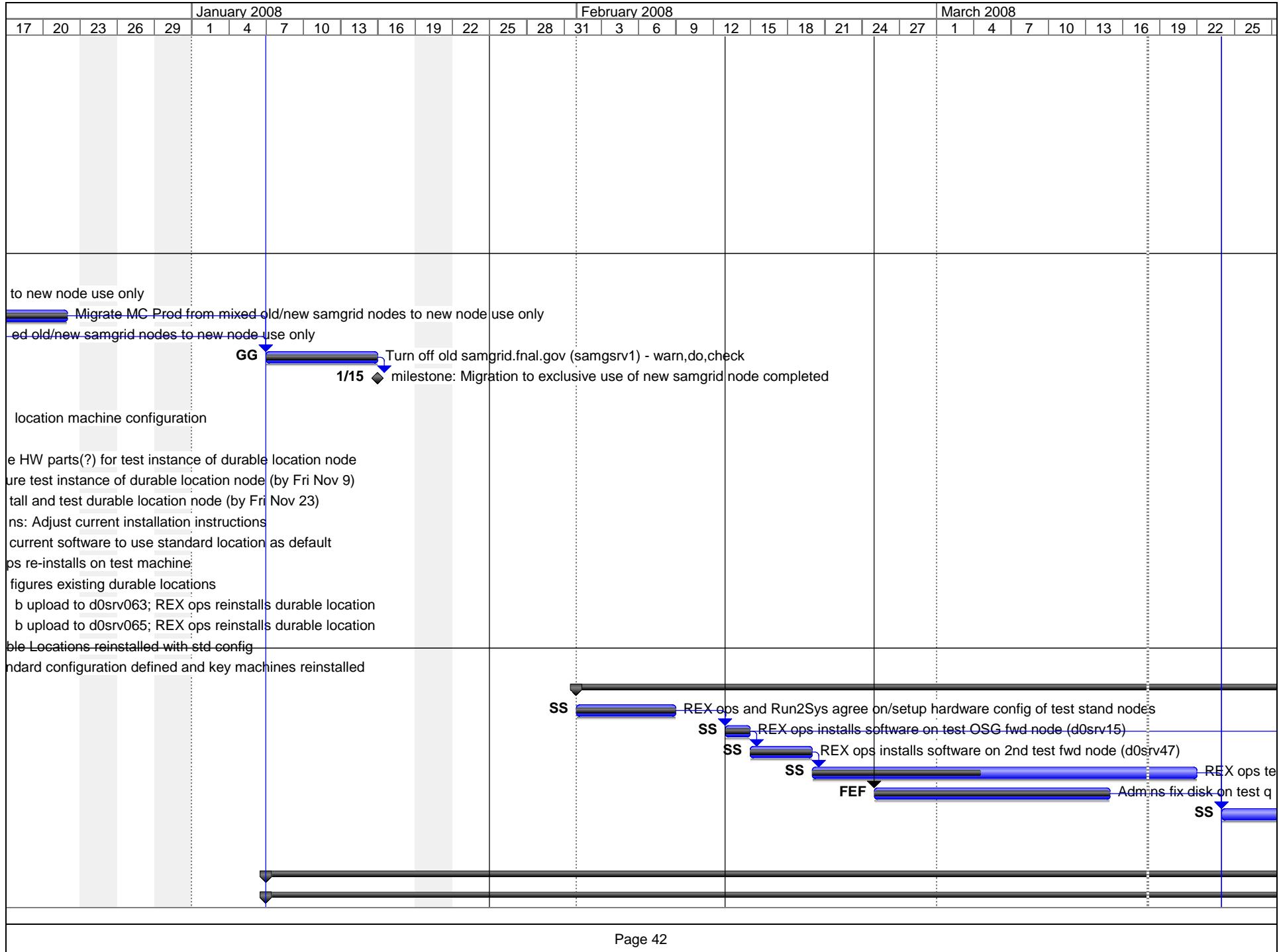


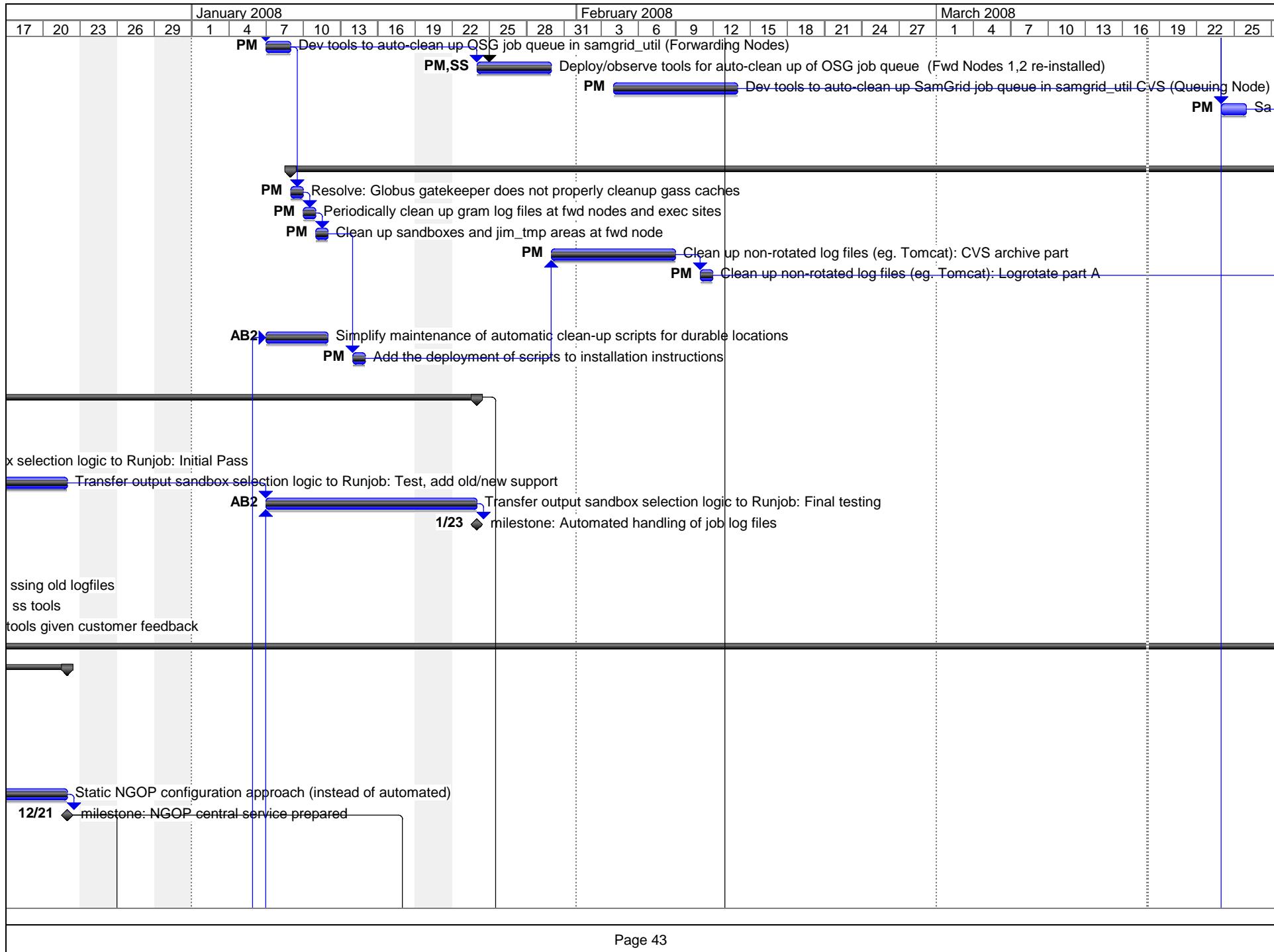


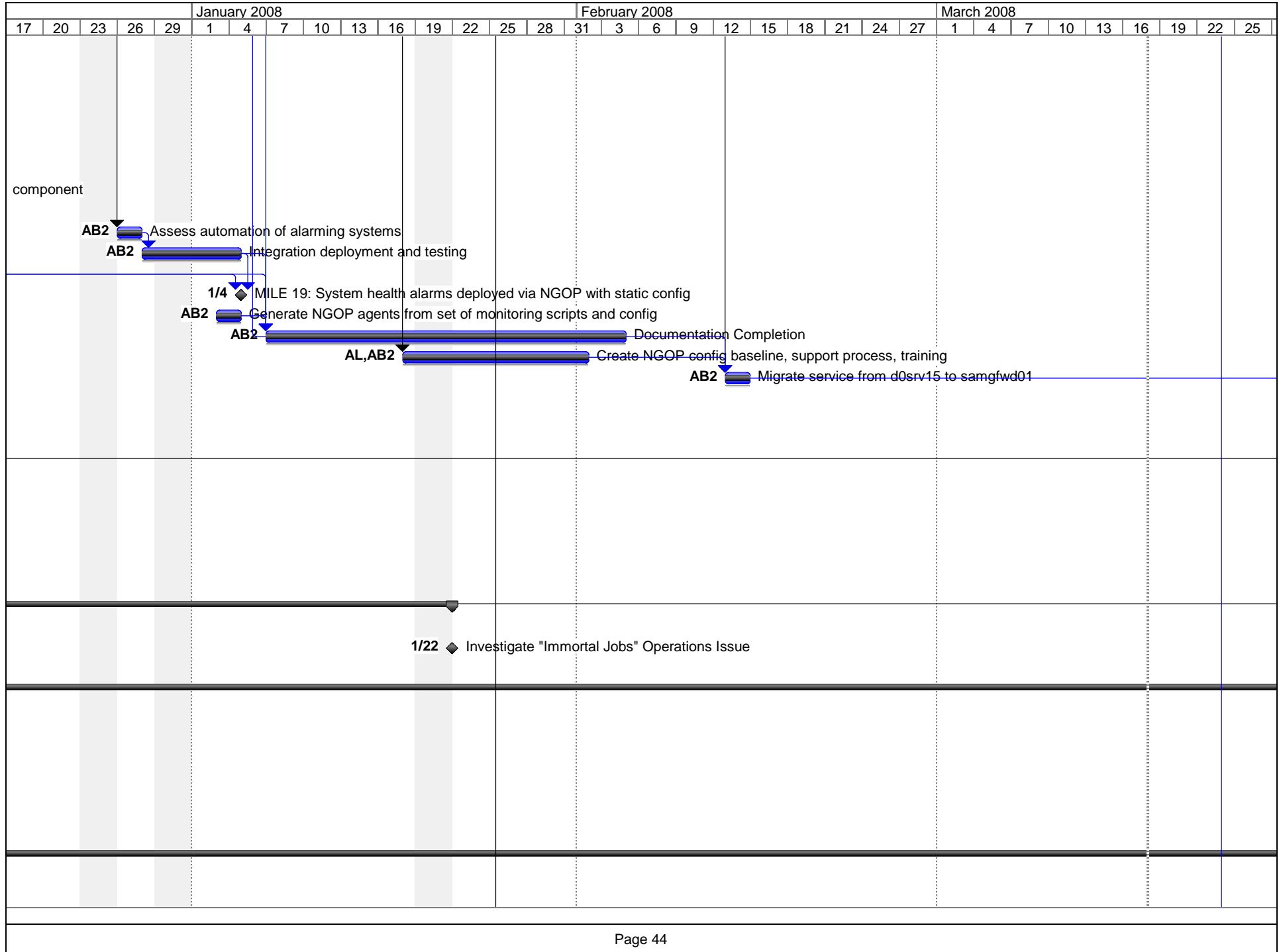
The Gantt chart illustrates the project timeline from January to March 2008. The chart shows the following tasks:

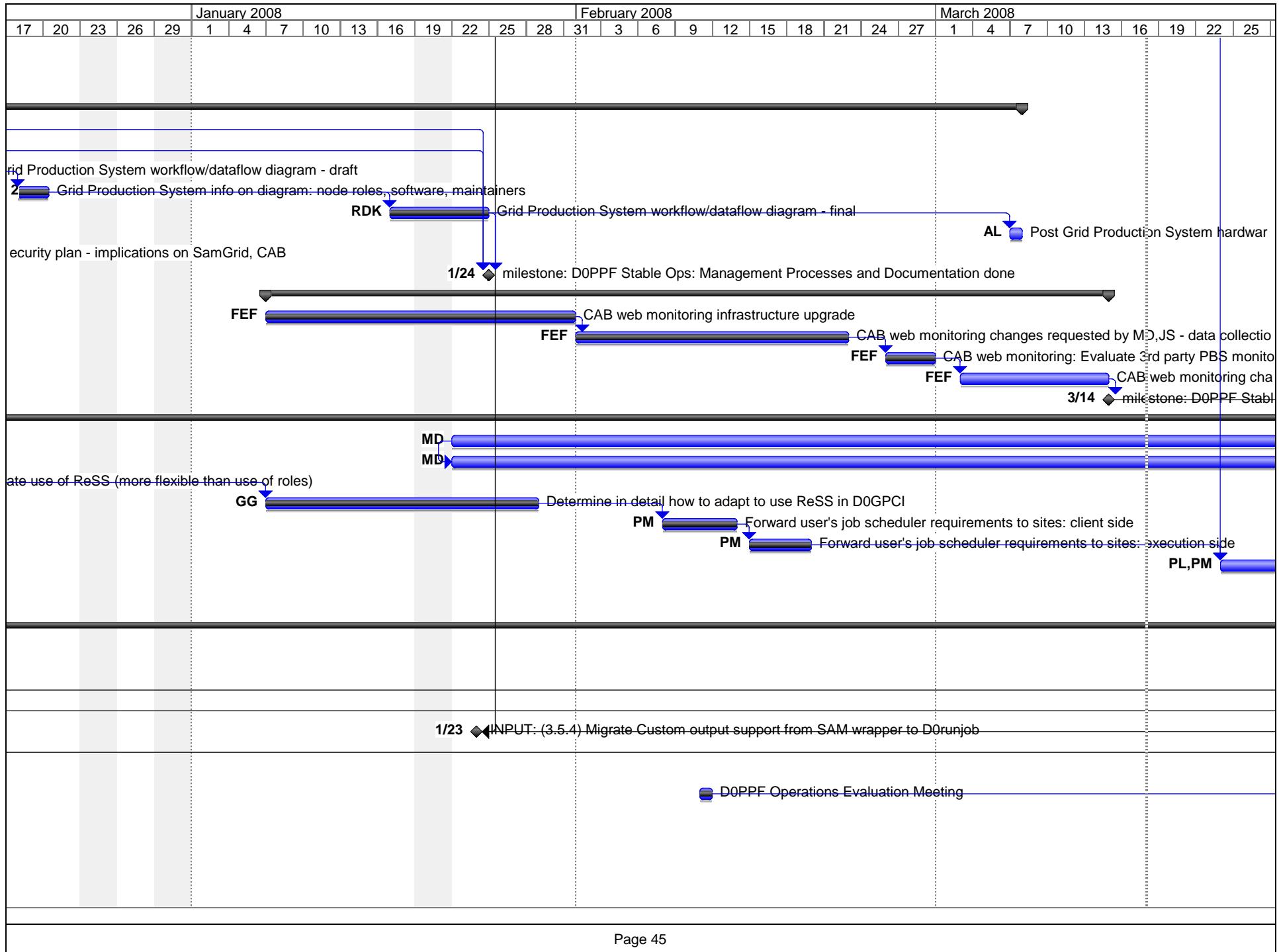
- Operations Policies doc: Review version v1.0**: Assigned to AL, starting on January 15, 2008, and ending on January 25, 2008.
- Operations Policies doc: Stakeholder Review**: Assigned to RDK, starting on January 25, 2008, and ending on February 15, 2008.
- Operations ASB**: Assigned to AL and ASB, starting on March 10, 2008, and ending on March 20, 2008.

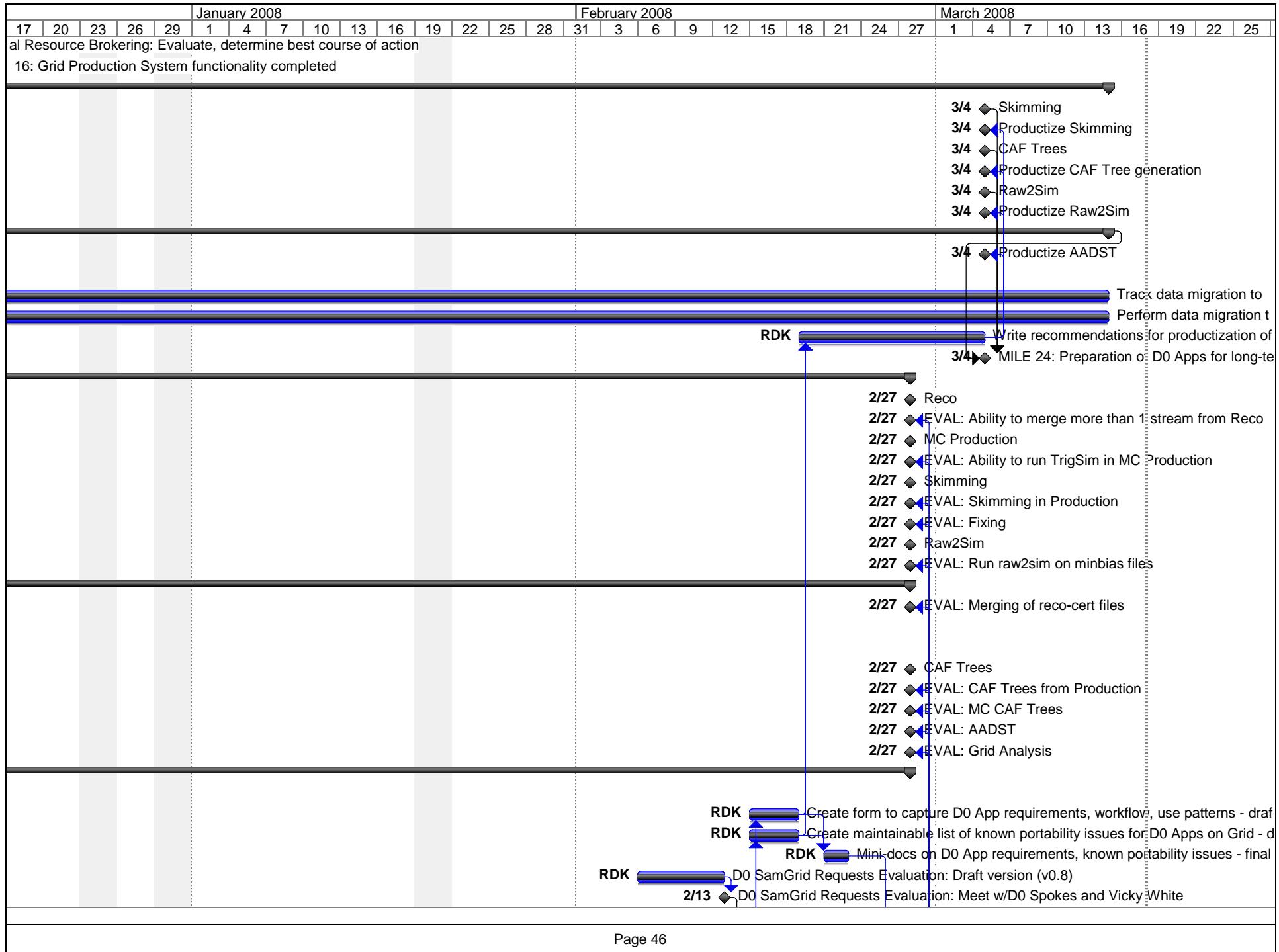


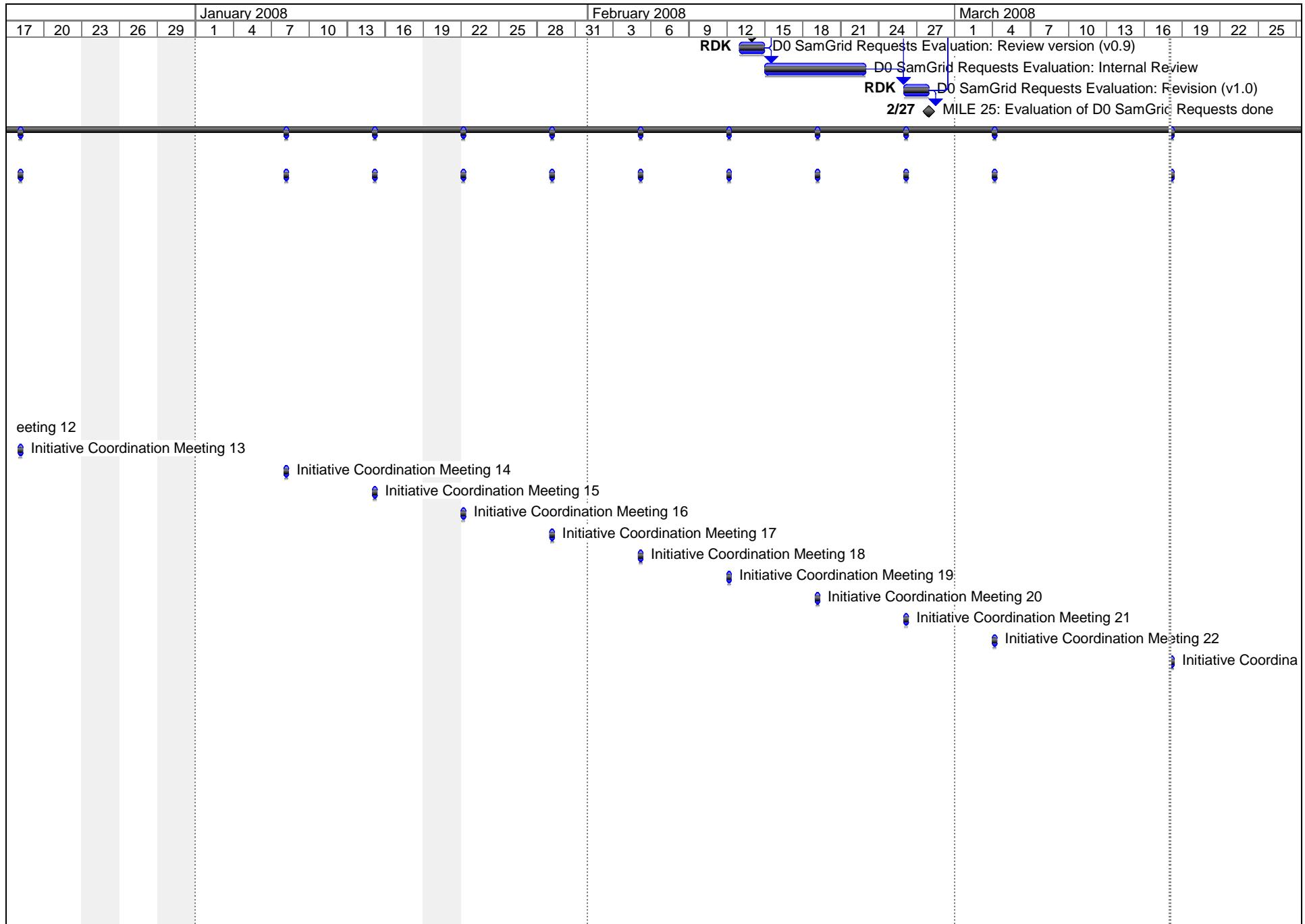


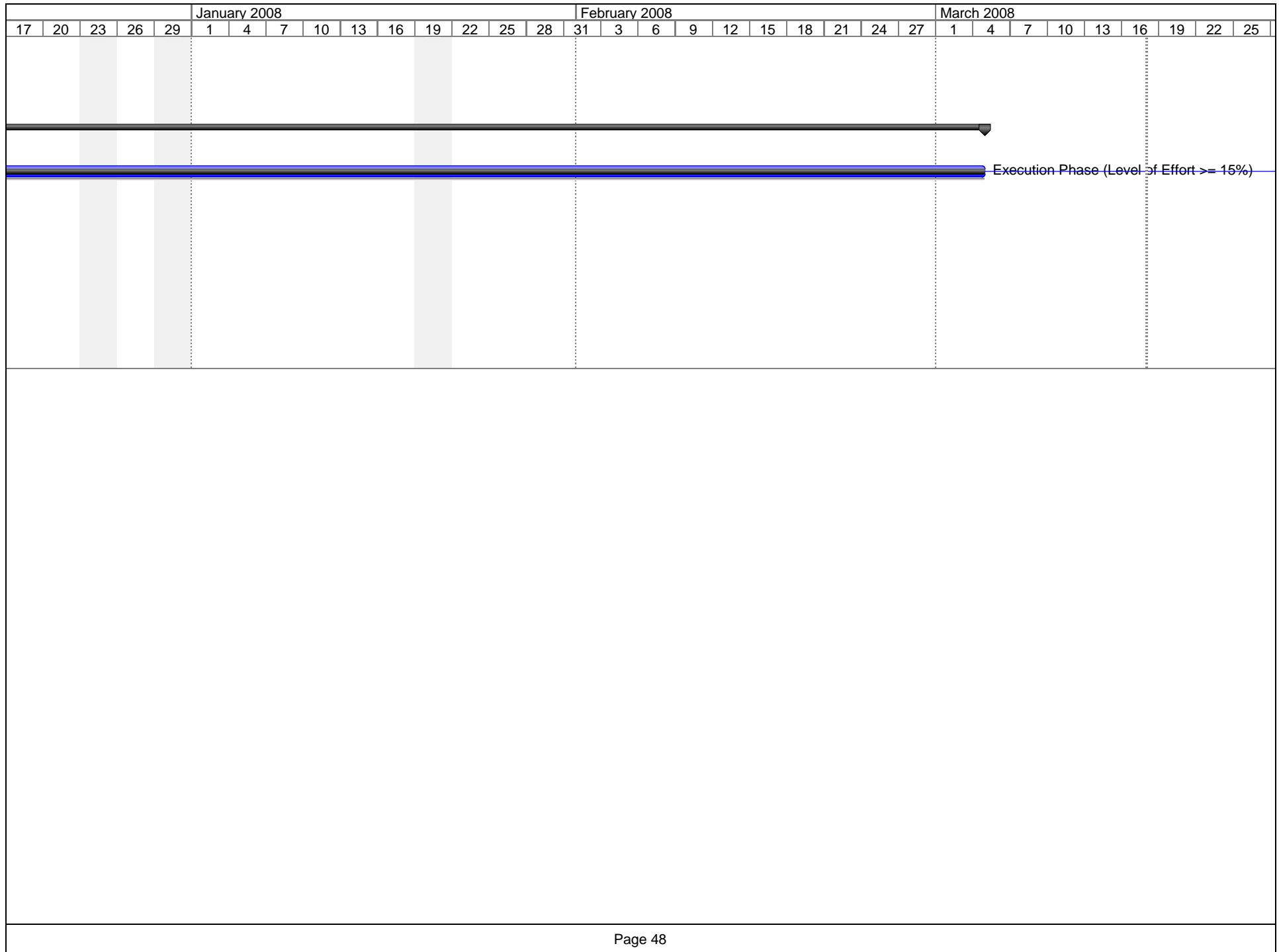


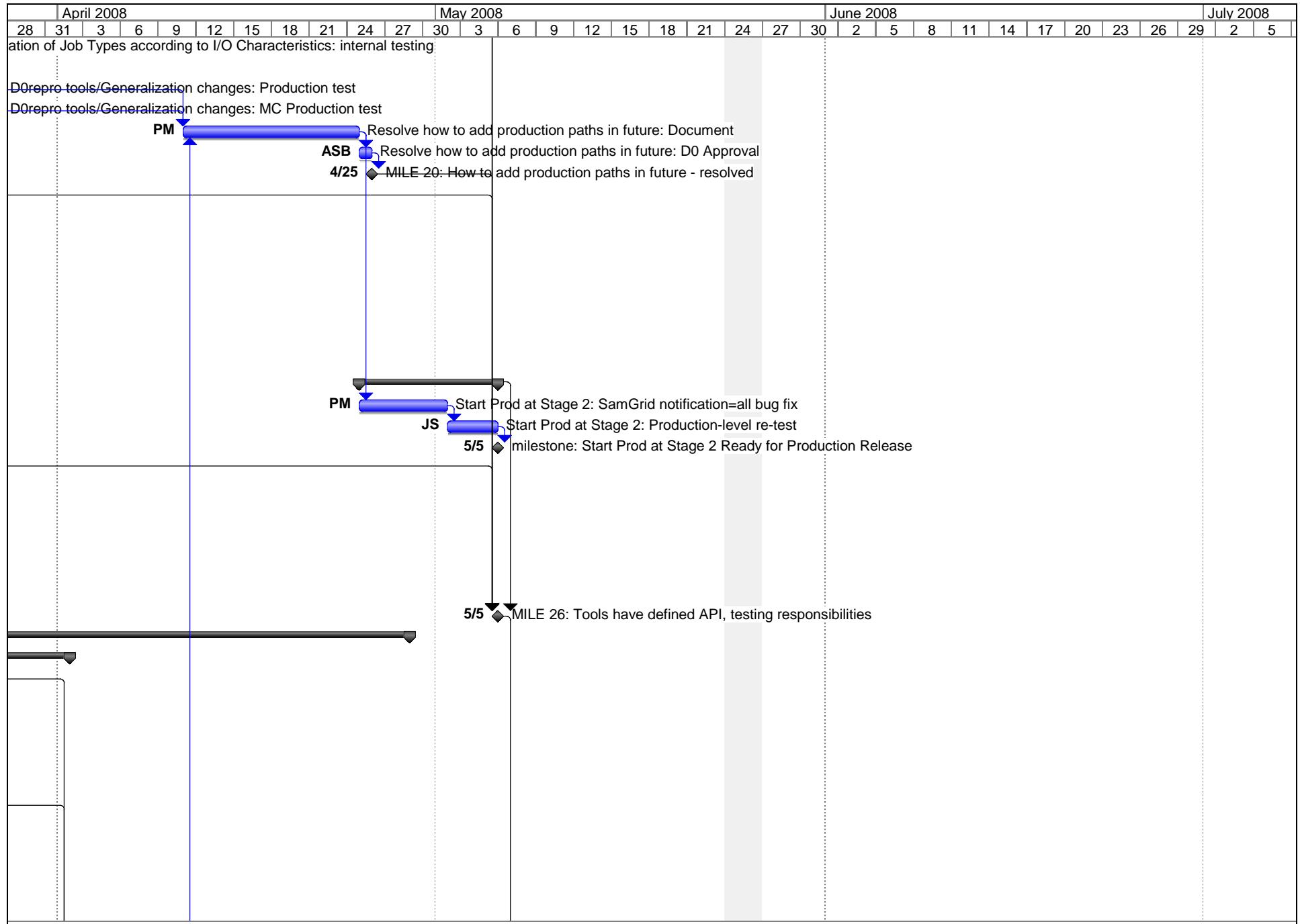








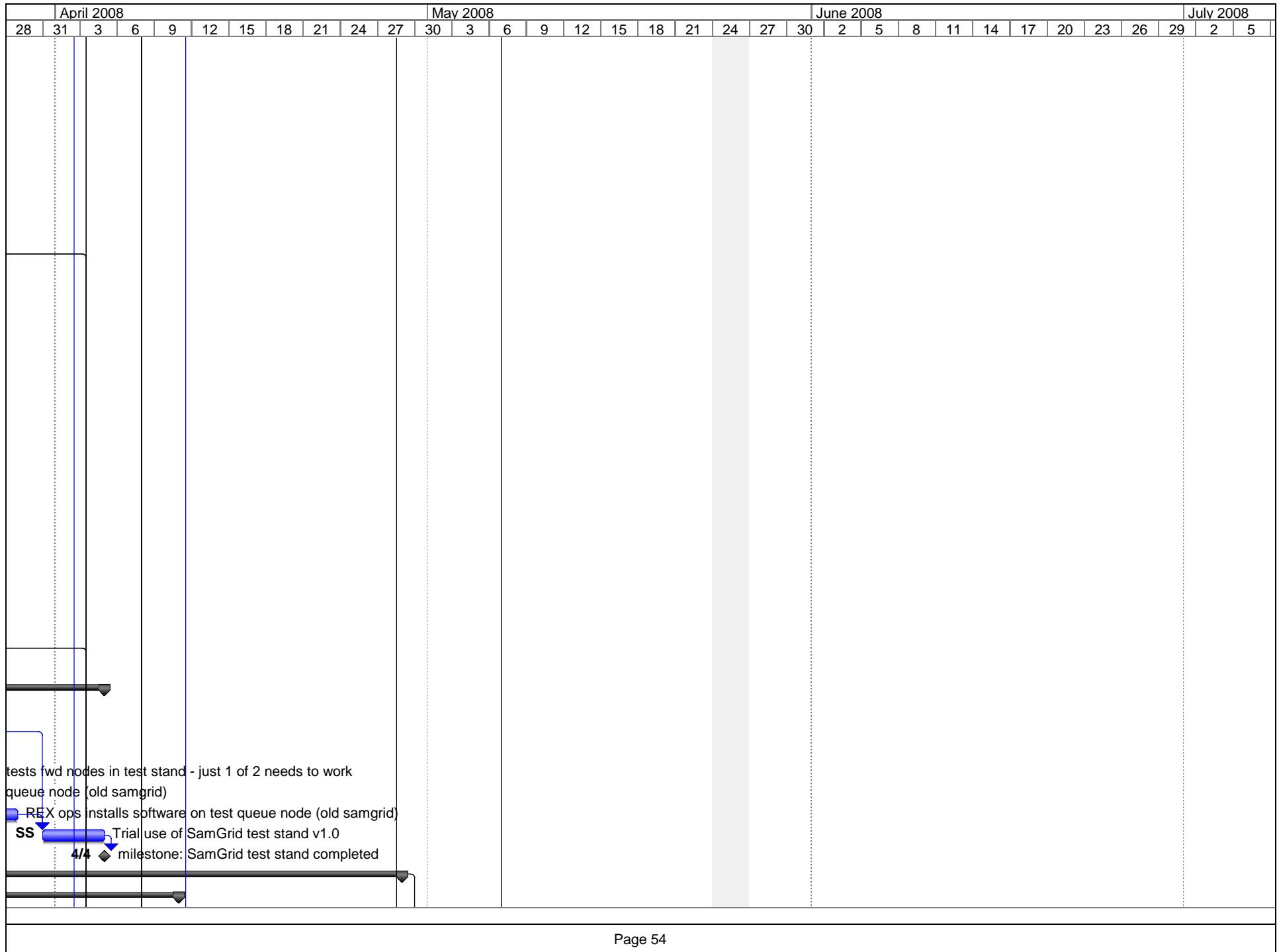


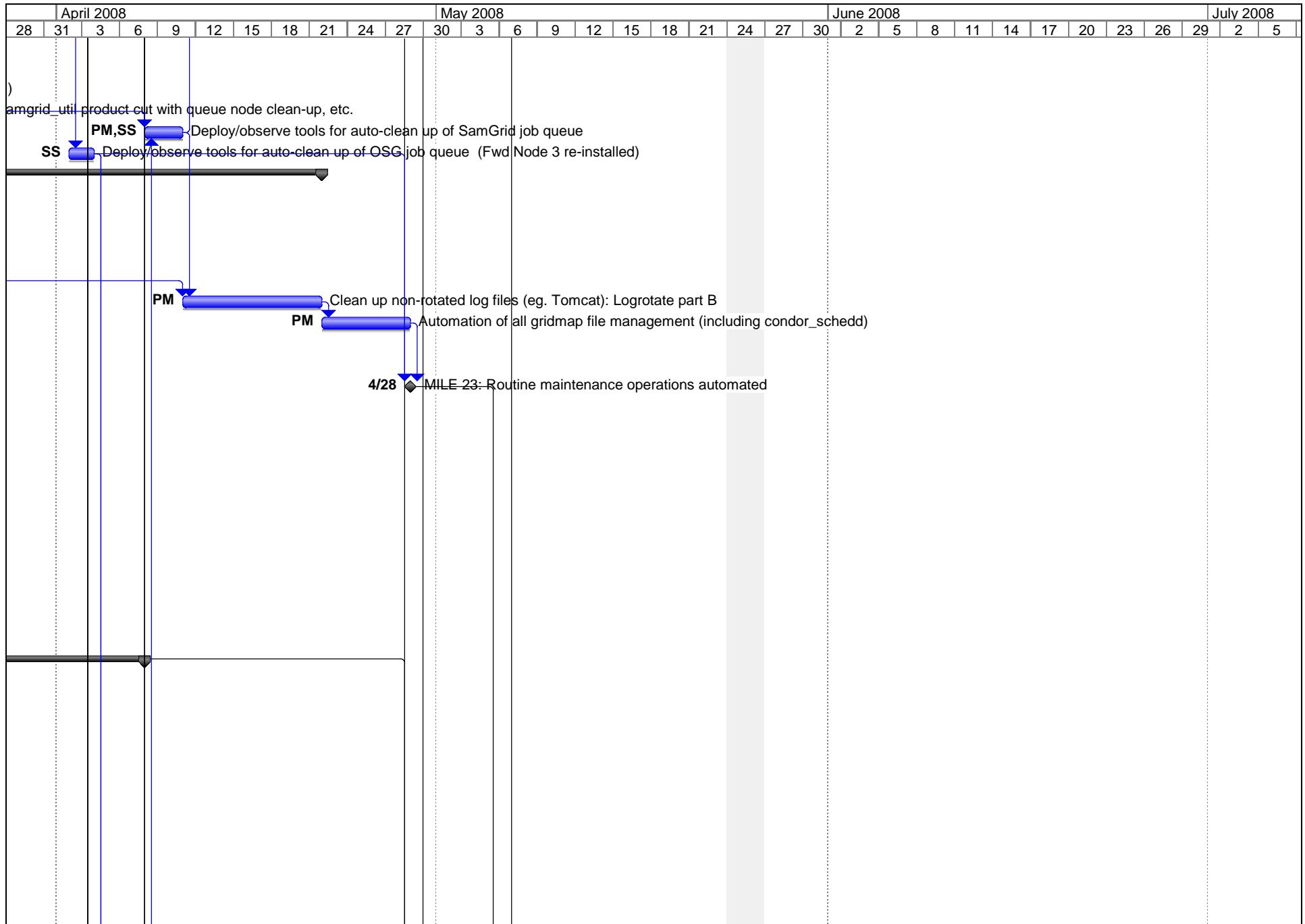


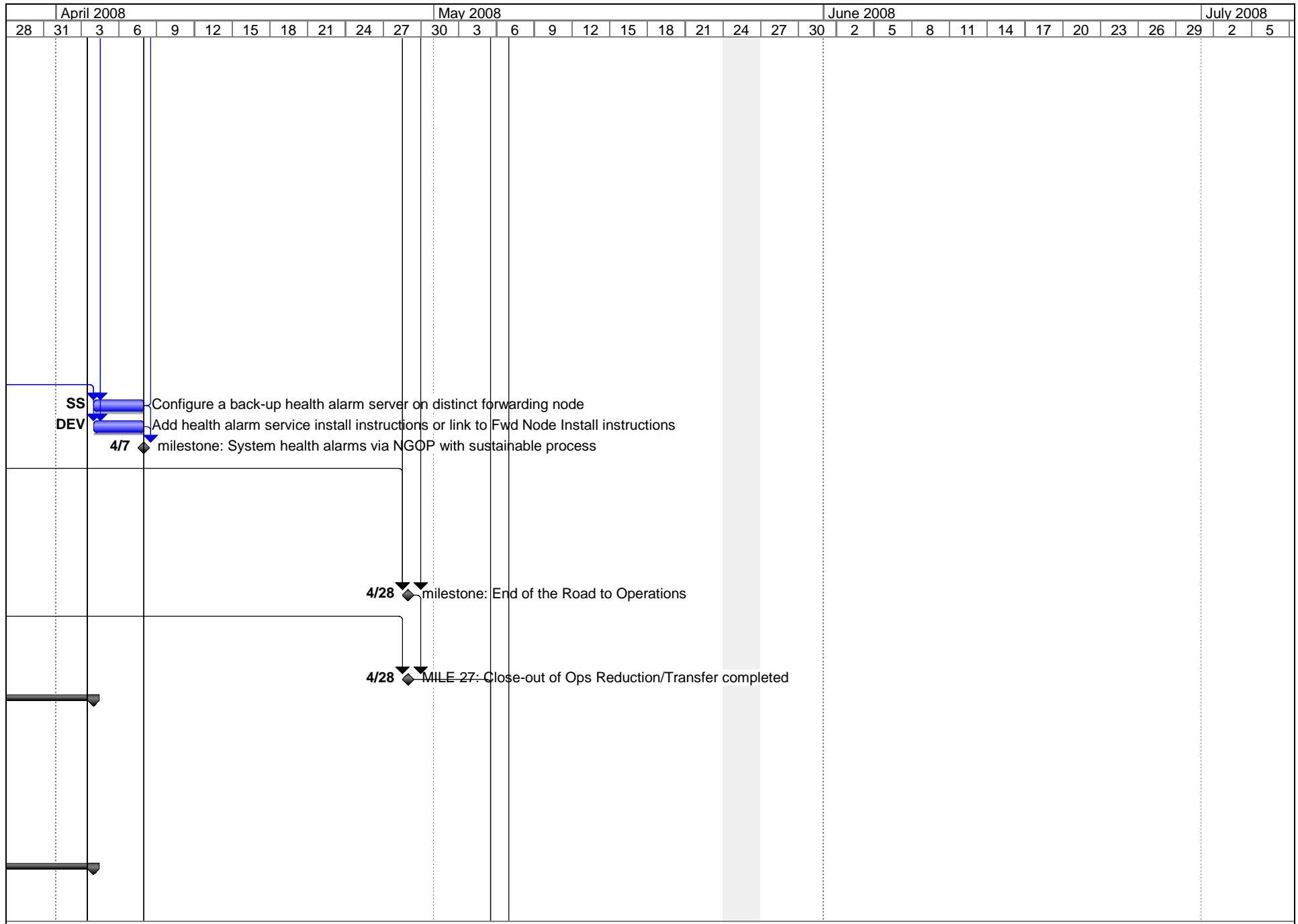
Legend:

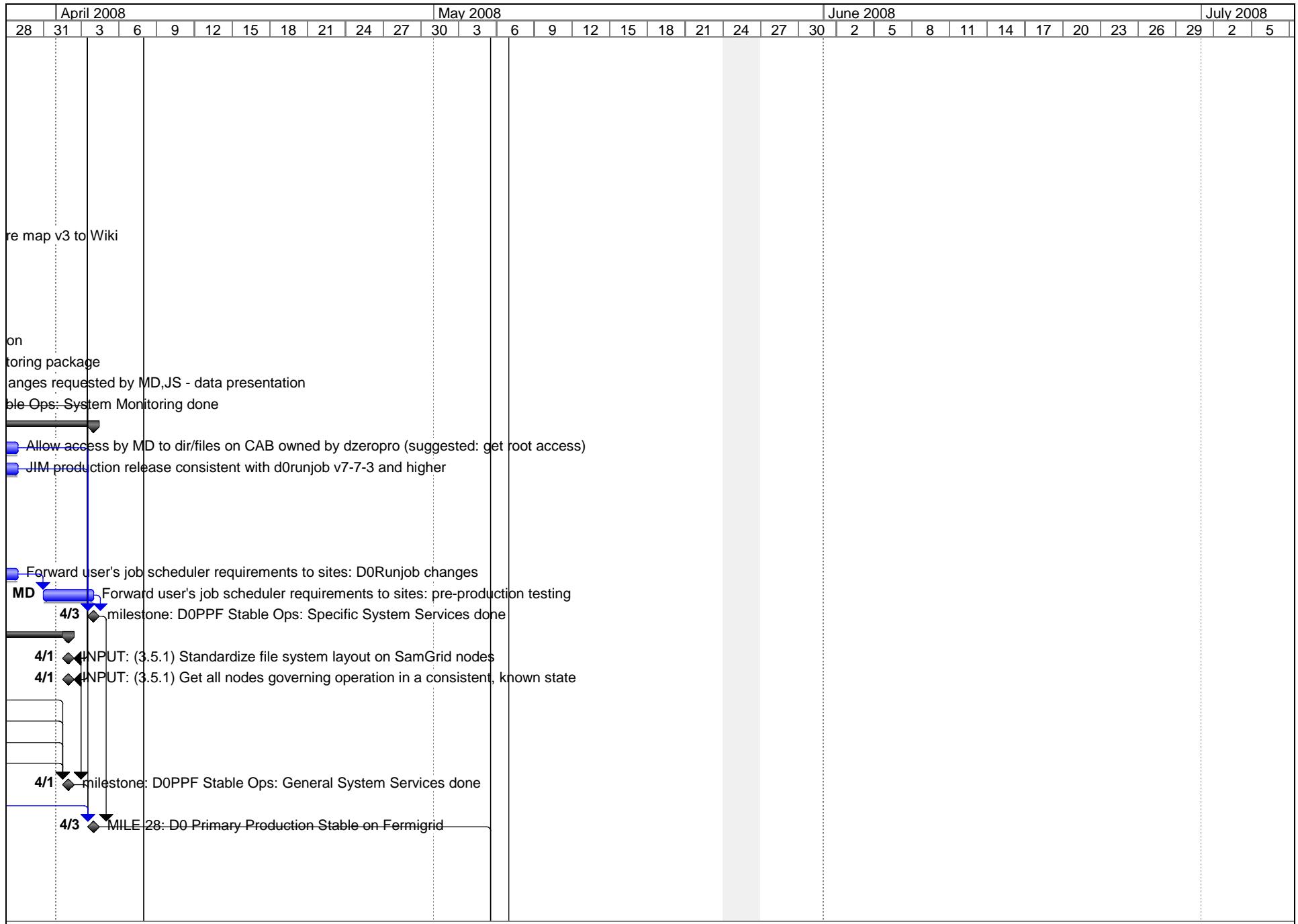
- Deploy software to Node 1-3
- Deploy software to Node 4-6
- Deploy software to Node 7-9
- Deploy software to Node 10-12
- Deploy software to Node 13-15

Month	Day	Task Description
April 2008	28	
April 2008	30	stalls software on Fwd Node 3 (re-do)
May 2008	1	ops re-re-tests Fwd Node 3
May 2008	1	Deploy Condor patch to Fwd Nodes 1-3
May 2008	1	Put new fwd node in production, drain old node (samgfwd03, old: d0srv66)
May 2008	1	4/1 MILE 15: OSG Fwd nodes reinstalled with std config
May 2008	1	sorted Wuppertal node
May 2008	1	ng Node
May 2008	1	chable IC node
May 2008	30	
May 2008	31	
June 2008	1	
June 2008	2	
June 2008	5	
June 2008	8	
June 2008	11	
June 2008	14	
June 2008	17	
June 2008	20	
June 2008	23	
June 2008	26	
June 2008	29	
July 2008	1	
July 2008	2	
July 2008	5	



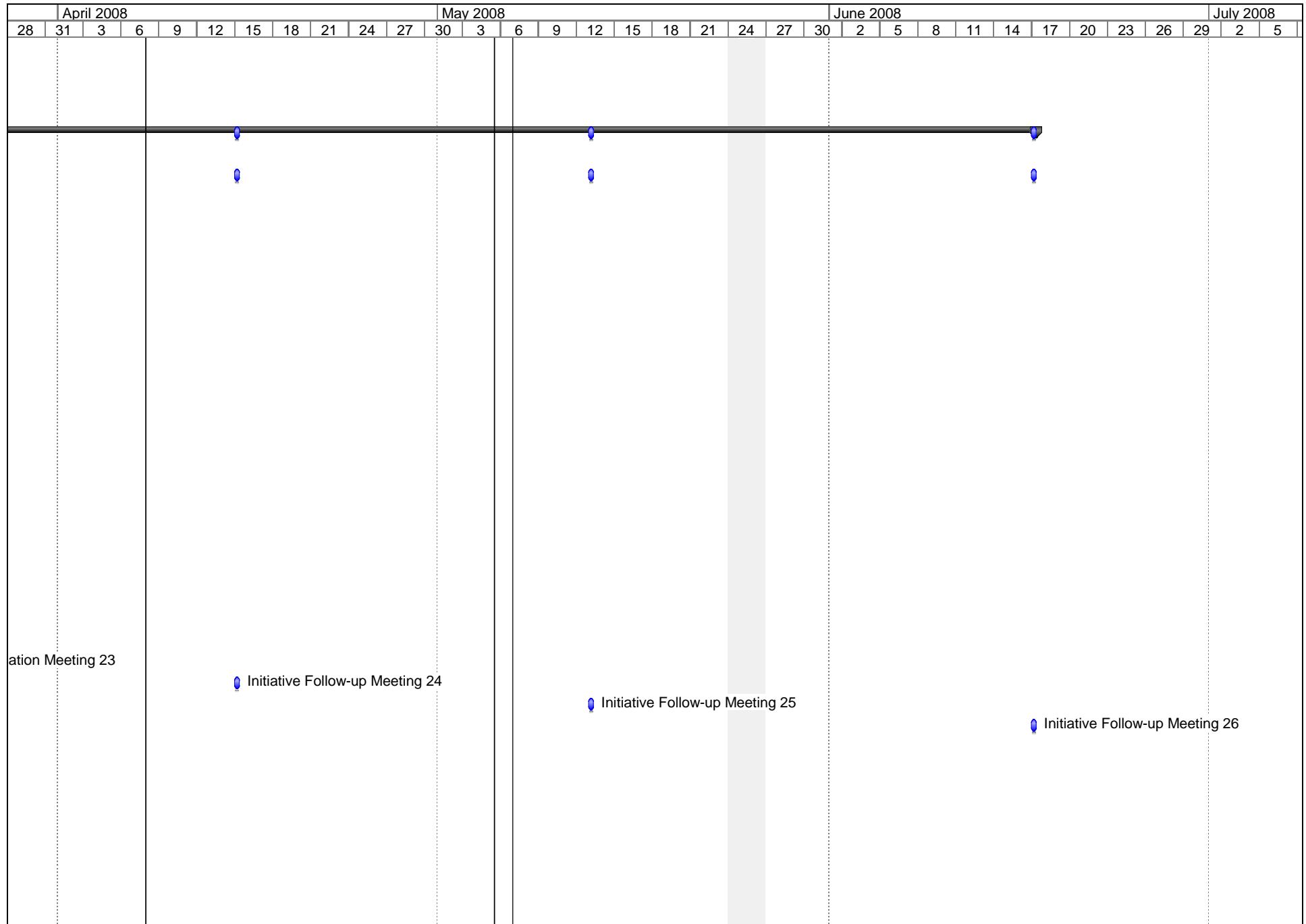


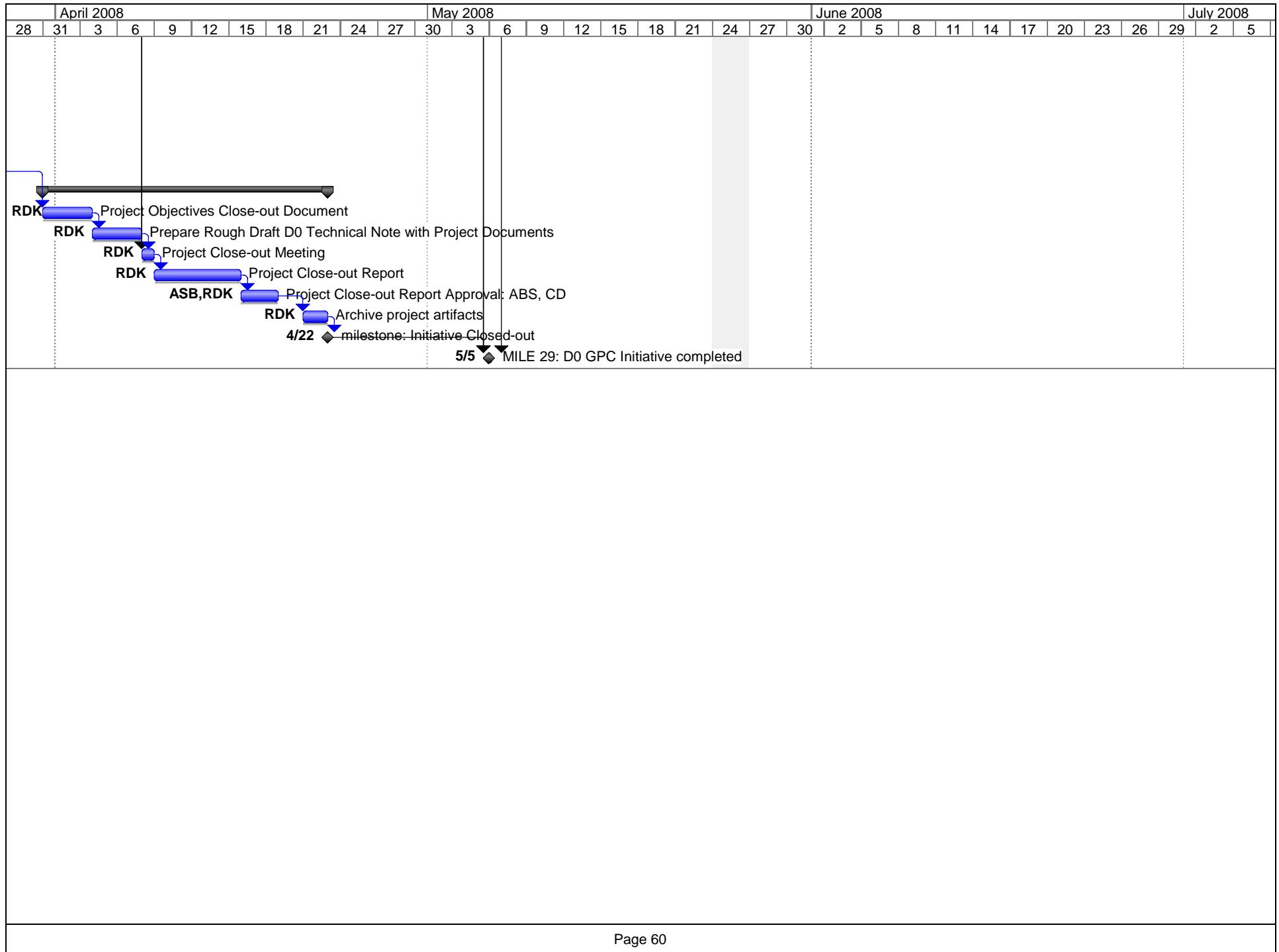


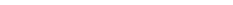


April 2008				May 2008				June 2008				July 2008																								
28	31	3	6	9	12	15	18	21	24	27	30	3	6	9	12	15	18	21	24	27	30	2	5	8	11	14	17	20	23	26	29	2	5			
SAM storage to SAM storage f D0 Apps term																																				
ft draft I																																				

Page 58





Project: D0 Grid Production Computing Date: Tue 3/18/08	Task		Milestone		External Tasks	
	Split		Summary	 	External Milestone	
	Progress		Project Summary	 	Deadline	